

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

**Brief note on the Production Performance of Oil & Natural
Gas Sector for the month of March, 2012 & cummulative
for the period April-March, 2012 vis-a-vis 2010-11**

I. A. CRUDE OIL PRODUCTION – PERFORMANCE

Month / Period	Planned Target (MMT)	Actual Production (MMT)	%age achievement	Surplus(+) Shortfall(-) Vis-à-vis target (%age)	Surplus(+) Shortfall(-) over last year (%age)
March, 2012*	3.275	3.218	98.2	-1.8	-2.9
April-March, 2012*	38.194	38.087	99.7	-0.3	1.0
April-March, 2011		37.712			

MMT: Million Metric Tonnes. *: Provisional.

B. COMPANY-WISE ACHIEVEMENT

Company / State	Planned Target (MMT)	Actual Production (MMT)	%age achievement	Surplus(+) Shortfall(-) (%age)
ONGC	2.0390	1.9560	95.9	-4.1
Gujarat	0.4640	0.4520	97.4	
Andhra Pradesh	0.0180	0.0280	155.6	
Tamil Nadu	0.0160	0.0200	125.0	
Assam	0.1010	0.1010	100.0	
Mumbai Region (incl Mumbai High)	1.4400	1.3550	94.1	
OIL	0.3220	0.3319	103.1	3.1
Assam	0.3203	0.3300	103.1	
Arunachal Pradesh	0.0017	0.0018	108.9	
PRIVATE/JVC	0.9144	0.9300	101.7	1.7
TOTAL	3.2754	3.2179	98.2	-1.8

C. REASONS FOR SHORTFALL

Company / State	Reasons for shortfall
ONGC (Mumbai High Offshore)	Less than anticipated oil gain from development wells. Production effected due to high water cut, less than anticipated oil gain from Vasai East. Control of Oil production due to high GOR for better reservoir management.
ONGC (Gujarat)	Poor influx and increasing water cut trend. Major mechanical maintenance of compressors at Gandhar.
PRIVATE/JVC (Offshore)	Oil production is less due to unplanned shutdown, delay in well intervention & underperformance of MA # 4 well.

A statement showing Crude Oil Production during March, 2012 and cumulatively for the period April-March, 2012 vis-à-vis 2010-11 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 (in %age)	Surplus(+) Shortfall(-) over last year (in %age)
March, 2012*	14.72	15.24	103.5	3.5	1.6
April-March, 2012*	163.61	170.15	104.0	4.0	3.2
April- March, 2011		164.85			

*: Provisional.

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

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

B. REASONS FOR SHORTFALL :

Company / State	Reasons for shortfall
IOCL, Panipat	• T'put marginally lower than OIE target in view of high intermediate stock.
HPCL, Visakh	• T'put during March'12 was lower than the MOU Excellent Target due to feed regulation of CDUs in view of DHDS limitations.

A statement showing refinery-wise production during the month of March, 2012 and cumulatively for the period April- March, 2012 vis-à-vis 2010-11 planned target is at Annexure-II.

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

Month	Utilisation (%)	Period	Utilisation (%)
March, 2012*	111.8	April- March, 2012	105.9
March, 2011	113.7	April- March, 2011	106.1

The refinery-wise details of the capacity utilisation during March, 2012 and cumulatively for the period April- March, 2012 vis-a-vis 2010-11 are given in Annexure-III.

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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)
March, 2012*	4476.6	3849.5	86.0	-14.0	-10.1
April-March, 2012*	51678.8	47549.4	92.0	-8.0	-8.9
April-March, 2011		52222.1			

MCM: Million Cubic Metres.

*: Provisional.

B. COMPANY-WISE ACHIEVEMENT

Company / State	Planned Target (MCM)	Actual Production (MCM)	%age achievement	Surplus(+) Shortfall(-) (%age)
ONGC	2062.8	2059.3	99.8	-0.2
Gujarat	150.7	175.3	116.4	
Rajasthan	1.3	1.2	91.4	
Andhra Pradesh	106.3	117.9	110.9	
Tamil Nadu	98.8	102.8	104.1	
Assam	41.3	43.5	105.5	
Tripura	49.1	55.7	113.4	
Mumbai High Offshore	1615.4	1562.9	96.8	
OIL	218.1	227.3	104.2	4.2
Assam	196.6	209.2	106.4	
Arunachal Pradesh	1.6	1.4	92.7	
Rajasthan	19.9	16.7	84.0	
PRIVATE/JVC	2195.7	1562.8	71.2	-28.8
Onshore \$	75.8	59.3	78.2	
Offshore	2119.9	1503.5	70.9	
TOTAL	4476.6	3849.5	86.0	-14.0

\$: Including Coal Bed Methane production.

C. REASONS FOR SHORTFALL

Company / State	Reasons for shortfall
ONGC (Mumbai High Off-shore)	Less than anticipated production from C- Series and B-22 field. Delayed development of rig in North Tapti.
ONGC (Rajasthan)	Less offtake by M/s. RRVUNL
OIL (Rajasthan)	One out of the two gas turbines of RRVUNL was shutdown for 15 days during March, 2012.
PRIVATE/JVC (KG-DWN-98/3 Off-shore)	Oil/Gas production is less in D1, D3 & MA fields. Total 6 wells in D1,D3 and 1 well in MA have ceased to flow due to water/sand ingress.
PRIVATE/JVC (Assam)	Intermittent flow from wells K # 2,3 & 7 and water ingress issues in wellbores. No gas production from Bheema field due to water loading in well. Natural decline of NSA field.
PRIVATE/JVC (West Bengal)	CBM produced in small quantities are being internally used and flared as no market in near vicinity.
PRIVATE/JVC (Arunachal Pradesh)	Only producing well Amguri # 14 ceased to flow since Oct., 2011 due to sand ingress in wellbore.
PRIVATE/JVC (Rajasthan)	Gas production is less due to decline in NANG production from RDG field.

A statement showing natural gas production during March, 2012 and cumulatively for the period April-March, 2012 vis-à-vis 2010-11 is at Annexure-IV.

MINISTRY OF PETROLEUM & NATURAL GAS

Review of Crude Oil Production during the month of March, 2012 and cumulatively for the period April'11-March'12 vis-à-vis 2010-11

(Qty: '000' Tonnes)

Name of the Undertaking / Unit	Planned Prod. during the month	Production during the			Cumulative Production (April -March)			% 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 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
A. Production of Crude Oil										
1. Oil & Natural Gas Corp. Ltd.	2039	1956.0	2073.0	1838.0	23735.0	23713.0	24448.0	-5.6	-3.0	-4.1
Onshore	599	601.0	651.0	568.0	7032.0	7383.0	7446.0	-7.7	-0.8	0.3
Gujarat	464	452.0	493.0	429.0	5437.0	5626.0	5757.0	-8.3	-2.3	-2.6
Andhra Pradesh \$	18	28.0	29.0	24.0	248.0	305.0	305.0	-3.4	0.0	55.6
Tamil Nadu	16	20.0	21.0	19.0	195.0	249.0	234.0	-4.8	6.4	25.0
Assam	101	101.0	108.0	96.0	1151.0	1203.0	1150.0	-6.5	4.6	0.0
Mumbai High Offshore	1440	1355.0	1422.0	1270.0	16702.0	16330.0	17002.0	-4.7	-4.0	-5.9
Oil	1269	1173.0	1254.0	1104.0	14703.0	14377.0	15106.0	-6.5	-4.8	-7.6
Condensates	171	182.0	168.0	166.0	1999.0	1953.0	1896.0	8.3	3.0	6.4
2. Oil India Ltd. (OIL)	321.96	331.9	323.9	304.8	3760.0	3846.7	3581.7	2.5	7.4	3.1
Assam	320.27	330.0	321.5	303.0	3738.4	3820.6	3558.4	2.7	7.4	3.1
Arunachal Pradesh	1.69	1.8	2.4	1.8	21.6	26.1	23.2	-22.0	12.2	0.0
3. DGH (Private / JVC)	914.432	930.0	917.9	853.2	10699.0	10527.0	9682.0	1.3	8.7	1.8
Onshore	546.758	651.2	560.6	588.6	6445.1	6793.8	5400.0	16.2	25.8	19.0
Arunachal Pradesh	7.56	8.0	7.7	7.3	89.4	91.7	92.8	4.5	-1.2	0.0
Assam	0.02	0.0	0.0	0.0	0.2	0.9	10.3	-100.0	-91.6	#DIV/0!
Gujarat	10.527	13.9	11.6	12.5	130.5	148.5	147.8	19.4	0.5	27.3
Rajasthan	528.651	629.3	541.3	568.8	6224.9	6552.7	5149.1	16.3	27.3	18.9
Offshore	367.674	278.8	357.2	264.6	4253.9	3733.2	4282.0	-22.0	-12.8	-24.2
GRAND TOTAL (1+2+3)	3275.392	3217.9	3314.7	2996.0	38194.0	38086.7	37711.7	-2.9	1.0	-1.7
Onshore	1467.718	1584.1	1535.5	1461.4	17237.1	18024.2	16427.7	3.2	9.7	7.9
Offshore	1807.674	1633.8	1779.2	1534.6	20955.9	20063.2	21284.0	-8.2	-5.7	-9.6

*: Provisional.

\$: 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 March, 2012
and cumulatively for the period April 2011-March 2012 vis-à-vis 2010-11

Name of the PSU / Private Co.	Planned Prodn. during the month \$	Production during the			Cumulative Production (April - March)			(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 over planned prodn.	
1	2	3	4	5	6	7	8	9	10	11
B. Refinery Production										
(In terms of crude throughput)										
Public Sector	10479.9	10732.2	10819.6	9988.6	117271.1	121080.3	115461.0	-0.8	4.9	2.4
1. IOC, Guwahati	80.0	95.2	96.3	88.9	1000.0	1058.5	1117.6	-1.1	-5.3	19.0
2. IOC, Barauni	536.6	574.5	578.9	441.9	5900.0	5729.9	6207.4	-0.8	-7.7	7.1
3. IOC, Koyali	1200.0	1256.9	1295.2	1161.2	13500.0	14253.1	13561.1	-3.0	5.1	4.7
4. IOC, Haldia	635.0	695.6	683.9	626.6	7400.0	8071.8	6878.0	1.7	17.4	9.5
5. IOC, Mathura	736.0	785.0	796.9	721.7	8000.0	8202.2	8880.0	-1.5	-7.6	6.7
6. IOC, Digboi	59.0	57.1	43.3	53.2	650.0	622.1	651.0	31.7	-4.4	-3.2
7. IOC, Panipat	1348.5	1303.1	1316.7	1235.4	14450.0	15495.9	13660.5	-1.0	13.4	-3.4
8. IOC, Bongaigaon	209.0	203.2	149.5	167.0	2350.0	2187.7	2008.3	35.9	8.9	-2.8
Total IOC	4804.1	4970.7	4960.7	4495.9	53250.0	55621.1	52963.8	0.2	5.0	3.5
9. BPCL, Mumbai	1045.9	1146.9	1154.6	1102.8	12400.3	13355.4	13020.4	-0.7	2.6	9.7
10. BPCL, Kochi	810.0	871.4	714.9	867.1	9350.0	9448.1	8731.8	21.9	8.2	7.6
Total BPCL	1855.9	2018.3	1869.5	1969.9	21750.3	22803.5	21752.2	8.0	4.8	8.8
11. HPCL, Mumbai	639.0	739.5	727.4	661.7	6800.2	7722.1	6752.0	1.7	14.4	15.7
12. HPCL, Visakh	804.1	726.3	849.2	643.9	8999.9	8682.2	8200.2	-14.5	5.9	-9.7
Total HPCL	1443.1	1465.8	1576.6	1305.6	15800.1	16404.3	14952.2	-7.0	9.7	1.6
13. CPCL, Manali	906.3	889.1	926.3	835.8	10299.9	9953.4	10103.6	-4.0	-1.5	-1.9
14. CPCL, Narimanam(CBR)	67.2	55.2	72.8	46.1	750.0	611.3	703.3	-24.1	-13.1	-17.8
Total CPCL	973.5	944.3	999.1	881.9	11049.9	10564.7	10806.9	-5.5	-2.2	-3.0
15. NRL, Numaligarh	258.0	211.8	218.1	218.3	2660.0	2825.0	2254.9	-2.9	25.3	-17.9
16. MRPL, Mangalore	1140.0	1115.9	1188.0	1110.7	12699.9	12792.3	12662.4	-6.1	1.0	-2.1
17. ONGC, Tatipaka	5.3	5.5	7.5	6.4	60.9	69.3	68.6	-27.3	1.0	2.4
Private Sector \$	4239.0	4505.3	4181.2	4191.3	46337.0	49066.0	49389.9	7.8	-0.7	6.3
1. RIL, Jamnagar	2639.0	3102.2	2910.0	2883.0	31173.0	35423.2	34517.1	6.6	2.6	17.6
2. Essar Oil Ltd.(EOL), Vadinar	1600.0	1403.1	1271.2	1308.3	15164.0	13642.9	14872.8	10.4	-8.3	-12.3
TOTAL(B) \$	14718.9	15237.5	15000.7	14179.9	163608.1	170146.3	164850.8	1.6	3.2	3.5

*: Provisional.

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 March, 2012 and cumulatively for the period April, 2011 -March, 2012 vis-à-vis 2010-11

(Qty: '000' Tonnes)

Name of the PSU / Private Co.	March, 2012			March, 2011			Cumulative (April - March)			2010-11		
	Prorated Installed Capacity \$	Actual Crude T'put *	% utili- sation of I/C	Prorated Installed Capacity	Actual Crude T'put	% utili- sation of I/C	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	9930.0	10732.2	108.1	9504.0	10819.6	113.8	116898.0	121080.3	103.6	111886.0	115461.0	103.2
1. IOC, Guwahati	85.0	95.2	112.0	85.0	96.3	113.3	1000.0	1058.5	105.8	1000.0	1117.6	111.8
2. IOC, Barauni	510.0	574.5	112.6	510.0	578.9	113.5	6000.0	5729.9	95.5	6000.0	6207.4	103.5
3. IOC, Koyali	1164.0	1256.9	108.0	1164.0	1295.2	111.3	13700.0	14253.1	104.0	13700.0	13561.1	99.0
4. IOC, Haldia	637.0	695.6	109.2	637.0	683.9	107.4	7500.0	8071.8	107.6	7500.0	6878.0	91.7
5. IOC, Mathura	679.0	785.0	115.6	679.0	796.9	117.4	8000.0	8202.2	102.5	8000.0	8880.0	111.0
6. IOC, Digboi	55.0	57.1	103.8	55.0	43.3	78.8	650.0	622.1	95.7	650.0	651.0	100.2
7. IOC, Panipat	1274.0	1303.1	102.3	1019.0	1316.7	129.2	15000.0	15495.9	103.3	12000.0	13660.5	113.8
8. IOC, Bongaigaon	200.0	203.2	101.6	200.0	149.5	74.7	2350.0	2187.7	93.1	2350.0	2008.3	85.5
Total IOC	4604.0	4970.7	108.0	4349.0	4960.7	114.1	54200.0	55621.1	102.6	51200.0	52963.8	103.4
9. BPCL, Mumbai	1019.0	1146.9	112.6	1019.0	1154.6	113.3	12000.0	13355.4	111.3	12000.0	13020.4	108.5
10. BPCL, Kochi	807.0	871.4	108.0	807.0	714.9	88.6	9500.0	9448.1	99.5	9500.0	8731.8	91.9
Total BPCL	1826.0	2018.3	110.5	1826.0	1869.5	102.4	21500.0	22803.5	106.1	21500.0	21752.2	101.2
11. HPCL, Mumbai	552.0	739.5	134.0	467.0	727.4	155.8	6500.0	7722.1	118.8	5500.0	6752.0	122.8
12. HPCL, Visakh	705.0	726.3	103.0	705.0	849.2	120.5	8300.0	8682.2	104.6	8300.0	8200.2	98.8
Total HPCL	1257.0	1465.8	116.6	1172.0	1576.6	134.5	14800.0	16404.3	110.8	13800.0	14952.2	108.3
13. CPCL, Manali	892.0	889.1	99.7	807.0	926.3	114.8	10500.0	9953.4	94.8	9500.0	10103.6	106.4
14. CPCL, Narimanam	85.0	55.2	65.0	85.0	72.8	85.6	1000.0	611.3	61.1	1000.0	703.3	70.3
Total CPCL	977.0	944.3	96.7	892.0	999.1	112.0	11500.0	10564.7	91.9	10500.0	10806.9	102.9
15. NRL, Numaligarh	255.0	211.8	83.1	255.0	218.1	85.5	3000.0	2825.0	94.2	3000.0	2254.9	75.2
16. MRPL, Mangalore	1004.0	1115.9	111.1	1004.0	1188.0	118.3	11820.0	12792.3	108.2	11820.0	12662.4	107.1
17. ONGC, Tatipaka	7.0	5.5	78.3	6.0	7.5	125.6	78.0	69.3	88.8	66.0	68.6	103.9
Private Sector \$	3695.0	4505.3	121.9	3695.0	4181.2	113.2	43500.0	48846.9	112.3	43500.0	49389.9	113.5
1. RPL, Jamnagar	2803.0	3102.2	110.7	2803.0	2910.0	103.8	33000.0	35204.0	106.7	33000.0	34517.1	104.6
2. Essar Oil Ltd.(EOL), Vadinar	892.0	1403.1	157.3	892.0	1271.2	142.5	10500.0	13642.9	129.9	10500.0	14872.8	141.6
TOTAL \$	13625.0	15237.5	111.8	13199.0	15000.7	113.7	160398.0	169927.1	105.9	155386.0	164850.8	106.1

*: Provisional.

I/C: Installed Capacity.

\$: RPL(SEZ) with refining capacity 29 MMT was commissioned on 25.12.2008 but crude throughput not reported by the refinery and not included in total prorated installed capacity.

Annexure-IV

MINISTRY OF PETROLEUM & NATURAL GAS

Review of Natural Gas Production during the month of March, 2012 and cumulatively for the period April'11-March, 2012 vis-à-vis 2010-11

(Qty: Million Cubic Metres)

Name of the Undertaking / Unit	Planned Prodn. during the month	Production during the			Cumulative Production (April - March)			% variation		% 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.	2062.849	2059.3	1972.3	1917.0	23457.0	23307.2	23098.0	4.4	0.9	-0.2
Onshore	447.441	496.4	466.3	468.7	5365.0	5742.2	5507.4	6.4	4.3	11.0
Gujarat	150.660	175.3	161.5	160.2	1800.0	1929.9	1919.1	8.5	0.6	16.4
Rajasthan	1.320	1.2	0.7	0.8	15.0	15.8	10.6	77.1	48.3	-8.6
Andhra Pradesh	106.289	117.9	111.6	109.8	1270.0	1363.8	1384.4	5.7	-1.5	10.9
Tamil Nadu	98.759	102.8	96.1	104.6	1230.0	1284.7	1119.2	7.0	14.8	4.1
Assam	41.267	43.5	42.2	40.7	475.0	504.1	464.2	3.1	8.6	5.5
Tripura	49.147	55.7	54.2	52.6	575.0	643.9	609.9	2.7	5.6	13.4
Offshore	1615.408	1562.9	1506.0	1448.2	18092.0	17565.0	17590.6	3.8	-0.1	-3.2
Mumbai High Offshore	1615.408	1562.9	1506.0	1448.2	18092.0	17565.0	17590.6	3.8	-0.1	-3.2
2. Oil India Ltd. (OIL)	218.073	227.3	209.8	199.9	2632.9	2633.3	2349.6	8.1	12.0	4.2
Assam	196.623	209.2	196.8	186.2	2379.4	2392.0	2174.7	6.3	10.0	6.4
Arunachal Pradesh	1.550	1.4	1.4	1.1	18.5	17.9	17.6	3.4	2.0	-7.3
Rajasthan	19.900	16.7	11.6	12.6	235.0	223.4	157.4	43.6	41.9	-16.0
3. DGH (Private / JVC)	2195.705	1562.8	2099.5	1492.2	25588.9	21608.9	26774.5	-25.5	-19.3	-28.8
Onshore	75.812	59.3	56.0	53.2	793.4	699.1	720.0	5.4	-2.9	-22.4
Arunachal Pradesh	2.417	1.8	1.9	1.5	23.4	21.6	26.9	-7.5	-19.9	-26.1
Assam	1.500	0.0	1.7	0.0	18.0	8.4	43.0	-100.0	-80.4	-100.0
Gujarat	15.243	17.0	23.7	15.9	220.9	233.9	344.3	-28.4	-32.1	11.4
Rajasthan	35.118	32.7	23.5	28.9	380.0	351.0	264.5	39.1	32.7	-7.0
West Bengal \$ (CBM)	20.499	7.4	5.2	6.4	144.1	79.1	41.4	43.8	91.3	-63.7
Madhya Pradesh (CBM)	0.570	0.1	0.0	0.2	2.3	1.5	0.0	#DIV/0!	#DIV/0!	-82.3
Jharkhand (CBM)	0.465	0.4	0.0	0.4	4.7	3.5	0.0	#DIV/0!	#DIV/0!	-23.7
Offshore	2119.893	1503.5	2043.5	1439.0	24795.4	20909.8	26054.5	-26.4	-19.7	-29.1
TOTAL (1+2+3)	4476.627	3849.5	4281.6	3609.1	51678.8	47549.4	52222.1	-10.1	-8.9	-14.0
Onshore	741.326	783.0	732.1	721.8	8791.4	9074.6	8577.0	6.9	5.8	5.6
Offshore	3735.301	3066.4	3549.4	2887.2	42887.4	38474.8	43645.1	-13.6	-11.8	-17.9

*: Provisional.

Revised

\$: Coal Bed Methane production.

Reasons for shortfall as indicated in the note.