

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

**Brief note on the Production Performance of Oil & Natural
Gas Sector for the month of January, 2012 & cummulatively
for the period April-January, 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)
January, 2012*	3.255	3.173	97.5	-2.5	-1.9
April-January, 2012*	31.903	31.872	99.9	-0.1	1.5
April-January, 2011		31.411			

MMT: Million Metric Tonnes. *: Provisional.

B. COMPANY-WISE ACHIEVEMENT

Company / State	Planned Target (MMT)	Actual Production (MMT)	%age achievement	Surplus(+) Shortfall(-) (%age)
ONGC	2.0290	1.9860	97.9	-2.1
Gujarat	0.4660	0.4630	99.4	
Andhra Pradesh	0.0190	0.0250	131.6	
Tamil Nadu	0.0150	0.0210	140.0	
Assam	0.1010	0.1040	103.0	
Mumbai Region (incl Mumbai High)	1.4270	1.3730	96.2	
OIL	0.3193	0.3205	100.4	0.4
Assam	0.3176	0.3188	100.4	
Arunachal Pradesh	0.0017	0.0017	97.7	
PRIVATE/JVC	0.9069	0.8660	95.5	-4.5
TOTAL	3.2553	3.1725	97.5	-2.5

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 GOR/high water cut and less than anticipated oil gain from Vasai East. Less line condensate receipt from Off-shore.
ONGC (Gujarat)	Poor influx and increasing water cut trend.

A statement showing Crude Oil Production during January, 2012 and cumulatively for the period April-January, 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)
January, 2012*	14.25	14.53	102.0	2.0	-4.6
April-January, 2012*	135.21	140.73	104.1	4.1	3.1
April- January, 2011		136.49			

*: Provisional.

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

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

B. REASONS FOR SHORTFALL :

Company / State	Reasons for shortfall
IOCL, Bongaigaon	• T'put restricted due to low crude availability.
IOCL, Barauni	• T'put restricted as per the Corporate economics.
HPCL, Visakh	• T'put during Jan'12 was lower than the MOU Excellent Target due to feed regulation of CDUs because of DHDS limitations.

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

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

Month	Utilisation (%)	Period	Utilisation (%)
January, 2012*	106.7	April- January, 2012	104.9
January, 2011	115.4	April- January, 2011	104.8

The refinery-wise details of the capacity utilisation during January, 2012 and cumulatively for the period April- January, 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)
January, 2011*	4476.7	3962.5	88.5	-11.5	-8.9
April-January, 2011*	43051.7	40156.7	93.3	-6.7	-8.8
April-January, 2010		44033.0			

MCM: Million Cubic Metres. *: Provisional.

B. COMPANY-WISE ACHIEVEMENT

Company / State	Planned Target (MCM)	Actual Production (MCM)	%age achievement	Surplus(+) Shortfall(-) (%age)
ONGC	2071.6	2045.6	98.7	-1.3
Gujarat	152.4	163.6	107.3	
Rajasthan	1.3	1.1	86.7	
Andhra Pradesh	108.2	120.8	111.6	
Tamil Nadu	101.8	113.0	111.1	
Assam	41.3	43.7	105.9	
Tripura	48.8	56.1	114.9	
Mumbai High Offshore	1617.8	1547.2	95.6	
OIL	211.6	214.2	101.3	1.3
Assam	190.1	195.7	102.9	
Arunachal Pradesh	1.6	1.6	100.0	
Rajasthan	19.9	17.0	85.2	
PRIVATE/JVC	2193.5	1702.8	77.6	-22.4
Onshore \$	72.3	56.2	77.7	
Offshore	2121.2	1646.5	77.6	
TOTAL	4476.7	3962.5	88.5	-11.5

\$: 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. Control of Oil production due to high GOR for better reservoir management.
PRIVATE/JVC (Mumbai High Off-shore)	Oil/Gas production is less in D1, D3 & MA fields. Total 5 to 6 wells in D1,D3 and 1 well in MA have ceased to flow due to water/sand ingress.
PRIVATE/JVC (Assam)	Wells are being optimised to increase oil production 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)	Prologed dewatering in new wells resulted in less gas production.
PRIVATE/JVC (Rajasthan)	Gas production is less due to decline in NANG production from RDG field.

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

MINISTRY OF PETROLEUM & NATURAL GAS

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

(Qty: '000' Tonnes)

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 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 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.	2029	1986.0	2079.0	2000.0	19817.0	19919.0	20514.0	-4.5	-2.9	-2.1
Onshore	601	613.0	641.0	622.0	5885.0	6214.0	6215.0	-4.4	0.0	2.0
Gujarat	466	463.0	490.0	471.0	4550.0	4745.0	4821.0	-5.5	-1.6	-0.6
Andhra Pradesh \$	19	25.0	26.0	24.0	213.0	253.0	251.0	-3.8	0.8	31.6
Tamil Nadu	15	21.0	22.0	22.0	164.0	210.0	193.0	-4.5	8.8	40.0
Assam	101	104.0	103.0	105.0	957.0	1006.0	950.0	1.0	5.9	3.0
Mumbai High Offshore	1427	1373.0	1438.0	1378.0	13931.0	13705.0	14299.0	-4.5	-4.2	-3.8
Oil	1252	1195.0	1272.0	1206.0	12268.0	12100.0	12719.0	-6.1	-4.9	-4.6
Condensates	175	178.0	166.0	172.0	1663.0	1605.0	1580.0	7.2	1.6	1.7
2. Oil India Ltd. (OIL)	319.33	320.5	320.9	315.8	3138.0	3209.8	2967.0	0.0	8.2	0.6
Assam	317.59	318.8	319.1	314.0	3119.6	3188.1	2947.8	-0.1	8.1	0.3
Arunachal Pradesh	1.74	1.7	1.7	1.8	18.3	22.3	19.2	-1.2	16.4	0.0
3. DGH (Private / JVC)	906.93	866.0	836.6	857.6	8947.6	8743.7	7929.9	3.5	10.3	-4.5
Onshore	546.894	571.6	474.3	561.3	5404.0	5553.9	4333.5	20.5	28.2	4.6
Arunachal Pradesh	7.56	7.6	7.7	7.7	75.0	76.4	78.7	-2.1	-2.9	0.0
Assam	0.02	0.0	0.0	0.0	0.2	0.9	10.3	-100.0	-91.6	#DIV/0!
Gujarat	10.663	13.6	11.9	13.4	110.1	122.1	125.7	14.5	-2.8	27.3
Rajasthan	528.651	550.5	454.6	540.3	5218.7	5354.6	4118.9	21.1	30.0	4.0
Offshore	360.036	294.4	362.3	296.3	3543.7	3189.8	3596.4	-18.7	-11.3	-18.3
GRAND TOTAL (1+2+3)	3255.26	3172.523	3236.4	3173.4	31902.6	31872.5	31410.9	-1.9	1.5	-2.5
Onshore	1467.224	1505.1	1436.1	1499.1	14427.0	14977.7	13515.5	4.8	10.8	2.6
Offshore	1787.036	1667.4	1800.3	1674.3	17474.7	16894.8	17895.4	-7.4	-5.6	-6.7

*: 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 January, 2012
and cumulatively for the period April 2011-January 2012 vis-à-vis 2010-11

(Qty: '000' Tonnes)

Name of the PSU / Private Co.	Planned Prod. during the month \$	Production during the			Cumulative Production (April - January)			% 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
B. Refinery Production										
(In terms of crude throughput)										
Public Sector	10008.7	10137.9	10585.1	10609.5	97078.8	100359.4	95100.0	-4.2	5.5	1.3
1. IOC, Guwahati	21.0	94.1	81.1	93.9	850.0	874.3	934.9	16.0	-6.5	347.9
2. IOC, Barauni	536.6	416.1	595.4	521.4	4861.4	4713.4	5096.4	-30.1	-7.5	-22.5
3. IOC, Koyali	1200.0	1162.4	1209.3	1247.8	11200.0	11835.0	11268.5	-3.9	5.0	-3.1
4. IOC, Haldia	630.0	672.5	717.1	629.1	6200.0	6749.5	5551.2	-6.2	21.6	6.7
5. IOC, Mathura	718.0	710.8	752.7	783.0	6574.0	6695.5	7362.1	-5.6	-9.1	-1.0
6. IOC, Digboi	59.0	57.4	55.0	52.9	538.0	511.8	558.5	4.3	-8.4	-2.7
7. IOC, Panipat	1126.5	1332.0	1373.3	1394.2	11854.5	12957.5	11155.0	-3.0	16.2	18.2
8. IOC, Bongaigaon	211.0	191.1	144.7	203.7	1949.0	1817.5	1732.8	32.1	4.9	-9.4
Total IOC	4502.1	4636.4	4928.7	4926.0	44026.9	46154.6	43659.3	-5.9	5.7	3.0
9. BPCL, Mumbai	1070.3	1176.2	1115.2	1156.0	10375.5	11105.7	10783.2	5.5	3.0	9.9
10. BPCL, Kochi	810.0	821.2	721.3	906.3	7800.0	7709.6	7337.4	13.8	5.1	1.4
Total BPCL	1880.3	1997.3	1836.6	2062.3	18175.5	18815.3	18120.6	8.8	3.8	6.2
11. HPCL, Mumbai	639.0	705.904	685.9	594.987	5563.4	6321.0	5424.1	2.9	16.5	10.5
12. HPCL, Visakh	650.5	537.3	786.1	693.9	7443.5	7312.0	6626.1	-31.6	10.4	-17.4
Total HPCL	1289.5	1243.2	1471.9	1288.9	13006.9	13632.9	12050.2	-15.5	13.1	-3.6
13. CPCL, Manali	906.3	865.0	907.7	860.1	8545.8	8228.4	8366.7	-4.7	-1.7	-4.6
14. CPCL, Narimanam(CBR)	67.2	44.0	62.4	55.4	619.9	510.1	551.3	-29.6	-7.5	-34.6
Total CPCL	973.5	908.9	970.1	915.5	9165.7	8738.5	8917.9	-6.3	-2.0	-6.6
15. NRL, Numaligarh	258.0	230.2	225.2	238.2	2168.0	2394.9	1830.5	2.2	30.8	-10.8
16. MRPL, Mangalore	1100.0	1115.9	1146.7	1171.6	10485.3	10565.8	10466.6	-2.7	0.9	1.4
17. ONGC, Tatipaka	5.3	5.8	5.9	7.0	50.5	57.5	54.8	-2.0	4.9	8.3
Private Sector \$	4239.0	4393.8	4641.1	4214.7	38132.0	40369.4	41392.0	-5.3	-2.5	3.7
1. RIL, Jamnagar	2639.0	3011.0	3372.1	2935.0	26064.0	29438.0	28938.1	-10.7	1.7	14.1
2. Essar Oil Ltd.(EOL), Vadinar	1600.0	1382.8	1269.0	1279.7	12068.0	10931.4	12453.9	9.0	-12.2	-13.6
TOTAL(B) \$	14247.7	14531.7	15226.3	14824.3	135210.8	140728.9	136492.0	-4.6	3.1	2.0

*: Provisional.

Reasons for shortfall as indicated in the note.

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

Annexure-III

Refinery-wise Capacity Utilisation during the month of January, 2012 and cumulatively for the period April, 2011 -January, 2012 vis-à-vis 2010-11

(Qty: '000' Tonnes)

Name of the PSU / Private Co.	January, 2011			January, 2010			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	2011-12			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
1	2	3	4	5	6	7	8	9	10	11	12	13
C. Refinery-wise Capacity Utilisation												
Public Sector	9930.0	10137.9	102.1	9504.0	10585.1	111.4	97733.0	100359.4	102.7	93797.0	95100.0	101.4
1. IOC, Guwahati	85.0	94.1	110.7	85.0	81.1	95.4	836.0	874.3	104.6	838.0	934.9	111.6
2. IOC, Barauni	510.0	416.1	81.6	510.0	595.4	116.7	5016.0	4713.4	94.0	5030.0	5096.4	101.3
3. IOC, Koyali	1164.0	1162.4	99.9	1164.0	1209.3	103.9	11454.0	11835.0	103.3	11485.0	11268.5	98.1
4. IOC, Haldia	637.0	672.5	105.6	637.0	717.1	112.6	6270.0	6749.5	107.6	6288.0	5551.2	88.3
5. IOC, Mathura	679.0	710.8	104.7	679.0	752.7	110.9	6689.0	6695.5	100.1	6707.0	7362.1	109.8
6. IOC, Digboi	55.0	57.4	104.4	55.0	55.0	100.1	543.0	511.8	94.3	545.0	558.5	102.5
7. IOC, Panipat	1274.0	1332.0	104.6	1019.0	1373.3	134.8	12541.0	12957.5	103.3	10060.0	11155.0	110.9
8. IOC, Bongaigaon	200.0	191.1	95.6	200.0	144.7	72.4	1965.0	1817.5	92.5	1970.0	1732.8	88.0
Total IOC	4604.0	4636.4	100.7	4349.0	4928.7	113.3	45314.0	46154.6	101.9	42923.0	43659.3	101.7
9. BPCL, Mumbai	1019.0	1176.2	115.4	1019.0	1115.2	109.4	10033.0	11105.7	110.7	10060.0	10783.2	107.2
10. BPCL, Kochi	807.0	821.2	101.8	807.0	721.3	89.4	7943.0	7709.6	97.1	7964.0	7337.4	92.1
Total BPCL	1826.0	1997.3	109.4	1826.0	1836.6	100.6	17976.0	18815.3	104.7	18024.0	18120.6	100.5
11. HPCL, Mumbai	552.0	705.904	127.9	467.0	685.9	146.9	5434.0	6321.0	116.3	4611.0	5424.1	117.6
12. HPCL, Visakh	705.0	537.3	76.2	705.0	786.1	111.5	6939.0	7312.0	105.4	6958.0	6626.1	95.2
Total HPCL	1257.0	1243.2	98.9	1172.0	1471.9	125.6	12373.0	13632.9	110.2	11569.0	12050.2	104.2
13. CPCL, Manali	892.0	865.0	97.0	807.0	907.7	112.5	8779.0	8228.4	93.7	7964.0	8366.7	105.1
14. CPCL, Narimanam	85.0	44.0	51.7	85.0	62.4	73.4	836.0	510.1	61.0	838.0	551.3	65.8
Total CPCL	977.0	908.9	93.0	892.0	970.1	108.8	9615.0	8738.5	90.9	8802.0	8917.9	101.3
15. NRL, Numaligarh	255.0	230.2	90.3	255.0	225.2	88.3	2508.0	2394.9	95.5	2515.0	1830.5	72.8
16. MRPL, Mangalore	1004.0	1115.9	111.1	1004.0	1146.7	114.2	9882.0	10565.8	106.9	9909.0	10466.6	105.6
17. ONGC, Tatipaka	7.0	5.8	82.7	6.0	5.9	98.5	65.0	57.5	88.4	55.0	54.8	99.6
Private Sector \$	3695.0	4393.8	118.9	3695.0	4641.1	125.6	36369.0	40369.4	111.0	36469.0	41392.0	113.5
1. RPL, Jamnagar	2803.0	3011.0	107.4	2803.0	3372.1	120.3	27590.0	29438.0	106.7	27666.0	28938.1	104.6
2. Essar Oil Ltd.(EOL), Vadinar	892.0	1382.8	155.0	892.0	1269.0	142.3	8779.0	10931.4	124.5	8803.0	12453.9	141.5
TOTAL \$	13625.0	14531.7	106.7	13199.0	15226.3	115.4	134102.0	140728.9	104.9	130266.0	136492.0	104.8

*: 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.

MINISTRY OF PETROLEUM & NATURAL GAS

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

(Qty: Million Cubic Metres)

Name of the Undertaking / Unit	Planned Prod. during the month	Production during the			Cumulative Production (April - January)			% 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
D. Natural Gas Production										
1. Oil & Natural Gas Corp. Ltd.	2071.645	2045.6	1975.8	1989.0	19434.7	19330.9	19349.3	3.5	-0.1	-1.3
Onshore	453.865	498.4	464.9	504.7	4496.7	4777.1	4615.2	7.1	3.5	9.7
Gujarat	152.425	163.6	157.6	169.2	1507.9	1594.4	1609.4	3.8	-0.9	7.3
Rajasthan	1.320	1.1	1.2	1.4	12.5	13.8	9.3	-6.0	48.6	-13.3
Andhra Pradesh	108.243	120.8	115.0	119.9	1063.4	1136.1	1170.5	5.0	-2.9	11.6
Tamil Nadu	101.774	113.0	97.0	115.1	1037.3	1077.3	933.7	16.5	15.4	11.1
Assam	41.284	43.7	40.3	44.0	395.4	419.9	385.7	8.4	8.9	5.9
Tripura	48.818	56.1	53.7	55.1	480.3	535.6	506.6	4.4	5.7	14.9
Offshore	1617.780	1547.2	1510.9	1484.3	14938.0	14553.9	14734.1	2.4	-1.2	-4.4
Mumbai High Offshore	1617.780	1547.2	1510.9	1484.3	14938.0	14553.9	14734.1	2.4	-1.2	-4.4
2. Oil India Ltd. (OIL)	211.553	214.2	205.7	222.4	2216.7	2208.5	1954.8	3.9	13.0	1.2
Assam	190.103	195.7	184.5	200.5	2005.0	1998.7	1805.8	6.1	10.7	2.9
Arunachal Pradesh	1.550	1.6	1.3	1.5	15.4	15.8	14.9	24.0	5.5	0.0
Rajasthan	19.900	17.0	20.0	20.5	196.2	194.0	134.2	-15.2	44.6	-14.8
3. DGH (Private / JVC)	2193.512	1702.8	2169.3	1703.9	21400.4	18617.6	22728.8	-21.5	-18.1	-22.4
Onshore	72.346	56.2	59.3	57.4	647.2	586.6	612.6	-5.1	-4.2	-22.2
Arunachal Pradesh	2.278	1.5	2.0	1.5	18.8	18.3	23.2	-27.4	-21.1	-36.2
Assam	1.500	0.0	1.9	0.0	15.0	8.4	40.1	-100.0	-79.0	-100.0
Gujarat	16.216	17.4	24.8	18.3	190.8	201.0	298.5	-29.9	-32.7	7.4
Rajasthan	35.118	29.9	26.1	30.4	311.6	289.5	218.4	14.8	32.5	-14.8
West Bengal \$ (CBM)	16.559	7.0	4.5	6.8	105.9	65.3	32.4	54.1	101.5	-57.8
Madhya Pradesh (CBM)	0.210	0.2	0.0	0.2	1.4	1.3	0.0	#DIV/0!	#DIV/0!	-18.6
Jharkhand (CBM)	0.465	0.3	0.0	0.2	3.8	2.8	0.0	#DIV/0!	#DIV/0!	-34.2
Offshore	2121.166	1646.5	2110.0	1646.5	20753.1	18030.8	22116.3	-22.0	-18.5	-22.4
TOTAL (1+2+3)	4476.710	3962.5	4350.8	3915.3	43051.7	40156.7	44033.0	-8.9	-8.8	-11.5
Onshore	737.764	768.8	729.9	784.5	7360.6	7572.1	7182.6	5.3	5.4	4.2
Offshore	3738.946	3193.7	3620.9	3130.8	35691.1	32584.6	36850.4	-11.8	-11.6	-14.6

*: Provisional.

\$: Coal Bed Methane production.

Reasons for shortfall as indicated in the note.