

MINISTRY OF PETROLEUM & NATURAL GAS  
ECONOMIC DIVISION

**Brief note on the Production Performance of Oil & Natural Gas sector for the month of November, 2012 & cumulatively for the period April-November, 2012 vis-a-vis 2011**

**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)
November, 2012*	3327.286	3106.883	93.4	-6.6	0.8
April-November, 2012*	26480.612	25392.471	95.9	-4.1	-0.5
April-November, 2011		25529.589			

TMT: Million Metric Tonnes.

\*: Provisional.

**B. COMPANY-WISE ACHIEVEMENT**

Company / State	Planned Target (TMT)	Actual Production (TMT)	%age achievement	Surplus(+) Shortfall(-) (%age)
<b>ONGC</b>	<b>2007.400</b>	<b>1860.000</b>	<b>92.7</b>	<b>-7.3</b>
Gujarat	446.000	423.000	94.8	
Andhra Pradesh	26.000	24.000	92.3	
Tamil Nadu	17.000	19.000	111.8	
Assam	100.000	101.000	101.0	
Tripura	0.4000	0.0000	0.0	
Mumbai Region (incl Mumbai High)	1418.000	1293.000	91.2	
<b>OIL</b>	<b>325.800</b>	<b>297.211</b>	<b>91.2</b>	<b>-8.8</b>
Assam	323.800	295.441	91.2	
Arunachal Pradesh	2.000	1.770	88.5	
<b>PRIVATE/JVC</b>	<b>994.086</b>	<b>949.672</b>	<b>95.5</b>	<b>-4.5</b>
<b>TOTAL</b>	<b>3327.286</b>	<b>3106.883</b>	<b>93.4</b>	<b>-6.6</b>

**C. REASONS FOR SHORTFALL**

Company / State	Reasons for shortfall
<b>ONGC (Gujarat)</b>	Poor Influx, increasing water cut trend & Power shutdown.
<b>ONGC (Mumbai High Offshore)</b>	Less than anticipated oil gain from side track & development wells. Base potential affected due to lesser availability of inputs. Production affected due to less than anticipated oil gain from Vasai East. Delay in Project execution of G-1 field.
<b>OIL (Assam &amp; Arunachal Pradesh)</b>	Several OIL Bandhs/Blockades by various Groups during the month of November, 2012.
<b>Pvt./JVCs (Gujarat onshore)</b>	Lower oil production due to drop in production from main oil producer well BK No. 15 due to high Gas to Oil ration (GOR). Well Cambay No. 73 is shut-in to avoid flaring of produced associated gas as gas transportation/marketing facilities are yet to be worked out. Water ingress problem in the wells. No production in well SD No. 1.

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<b>Pvt./JVCs</b> (Arunachal onshore)	Water and sand ingress problem in wells & underperformance of newly drilled wells.
<b>Pvt./JVCs</b> (Eastern Offshore- Ravva)	Natural decline of the field..
<b>Pvt./JVCs</b> (Eastern Offshore- KG-DWN-98/3)	A total of 7 wells in D1,D3 and 2 wells in MA have ceased to flow due to water/sand ingress and planned completed shutdown of FPSO at MA field for 6
<b>Pvt./JVCs</b> (Eastern Offshore- PY-1)	Production gain post Work-over in Mercury is less than expected due to water loading.
<b>Pvt./JVCs</b> (Eastern Offshore- PY-3)	Field under complete shutdown w.e.f 30.7.2011 after expiry of the contract for existing production facilities.
<b>Pvt./JVCs</b> (Western Offshore- Panna-Mukta)	Lower oil production due to delay in well intervention jobs due to poor weather conditions, underperformance of MA # 4 & # 8 wells. NANG production is less due to almost no flow from PG#1 & # 10 wells.

A statement showing Crude Oil Production during November, 2012 and cumulatively for the period April- November, 2012 vis-à-vis 2011-12 planned production is at Annexure-I.

## 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 (in %age)
November, 2012*	14.933	15.380	103.0	3.0	6.6
April- November, 2012*	117.306	119.284	101.7	1.7	7.2
April- November, 2011		111.266			

\*: Provisional.

The crude throughput in IOC (Barauni, Haldia, Mathura, Digboi & Bongaigaon), BPCL (Mumbai & Kochi), BORL (Bina), HPCL (Mumbai), MRPL (Mangalore), RIL (Jamnagar) & Essar Oil Ltd. Vadinar refineries have exceeded their planned target.

The crude throughput in IOC (Guwahati, Koyali & Panipat), HPCL (Visakh), CPCL (Manali & Narimanam), NRL (Numaligarh) & ONGC Tatipaka refineries was less than their planned target.

### B. REASONS FOR SHORTFALL :

Company / State	Reasons for shortfall
IOCL, Panipat	Throughput marginally lower than OIE target in view of high intermediate stock.
IOCL, Koyali,	Throughput is in line with crude availability.
HPCL, Visakh	Monthly actual Crude throughput was lower than target due to lower service factor of primary units in view of process interruptions

A statement showing refinery-wise production during the month of November, 2012 and cumulatively for the period April- November, 2012 vis-à-vis 2011-12 planned target is at Annexure-II.

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

Month	Utilisation (%)	Period	Utilisation (%)
November, 2012*	105.7	April- November, 2012	100.8
November, 2011	109.7	April- November, 2011	94.0

The refinery-wise details of the capacity utilisation during November, 2012 and cumulatively for the period April- November, 2012 vis-a-vis 2011-12 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)
November, 2012*	3427.831	3262.309	95.2	-4.8	-15.2
April- November, 2012*	27468.661	28043.591	102.1	2.1	-13.1
April- November, 2011		32281.606			

MCM: Million Cubic Metres. \*: Provisional.

## B. COMPANY-WISE ACHIEVEMENT

Company / State	Planned Target (MCM)	Actual Production (MCM)	%age achievement	Surplus(+) Shortfall(-) (%age)
<b>ONGC</b>	<b>1952.120</b>	<b>1930.374</b>	<b>98.9</b>	<b>-1.1</b>
Gujarat	95.876	153.992	160.6	
Rajasthan	1.219	1.361	111.6	
Andhra Pradesh	81.590	96.377	118.1	
Tamil Nadu	111.278	100.703	90.5	
Assam	37.557	40.161	106.9	
Tripura	84.170	54.441	64.7	
<b>Mumbai High Offshore</b>	<b>1540.430</b>	<b>1483.339</b>	<b>96.3</b>	
<b>OIL</b>	<b>250.300</b>	<b>223.676</b>	<b>89.4</b>	<b>-10.6</b>
Assam	228.600	201.690	88.2	
Arunachal Pradesh	1.500	1.774	118.3	
Rajasthan	20.200	20.212	100.1	
<b>PRIVATE/JVC</b>	<b>1225.411</b>	<b>1108.259</b>	<b>90.4</b>	<b>-9.6</b>
Onshore \$	21.264	67.924	319.4	
Offshore	1204.147	1040.335	86.4	
<b>TOTAL</b>	<b>3427.831</b>	<b>3262.309</b>	<b>95.2</b>	<b>-4.8</b>

\$: Including Coal Bed Methane production.

## C. REASONS FOR SHORTFALL

Company / State	Reasons for shortfall
<b>ONGC (Tamil Nadu)</b>	Less offtake by consumers.
<b>ONGC (Offshore)</b>	Delay in Project execution of G-1 field.
<b>ONGC (Tripura)</b>	Lack of consumers.
<b>OIL (Assam, Arunachal &amp; Rajasthan )</b>	Gas production and sale was low due to (i) Low upliftment by various customers. (ii) OIL blockades/bandhs called by local organisations/various group.
<b>Pvt./JVCs ( Western Offshore- Panna-Mukta)</b>	Lower Gas production due to delay in well intervention jobs due to poor weather conditions, underperformance of MA # 4 & # 8 wells. NANG production is less due to almost no flow from PG#1 & # 10 wells.
<b>Pvt./JVCs ( Arunachal onshore)</b>	Water and sand ingress problem in wells & underperformance of newly drilled wells..
<b>Pvt./JVCs ( Western Offshore M &amp; S Tapti)</b>	Tapti gas production is less than budget due to slippage of Mid Tapti ERD wells and MTA-4 and 6 loading.
<b>Pvt./JVCs ( Eastern Offshore, KG-DWN-98/3)</b>	A total of 7 wells in D1,D3 & MA have ceased to flow due to water/sand ingress and planned completed shutdown of FPSO at MA field for 6 days.

A statement showing natural gas production during November, 2012 and cumulatively for the period April-November, 2012 vis-à-vis 2011-12 is at Annexure-IV.

## Annexure-I

## MINISTRY OF PETROLEUM &amp; NATURAL GAS

## Review of Crude Oil Production during the month of November, 2012 and cumulatively for the period April'12-November'12 vis-à-vis 2011-12

Name of the Undertaking / Unit	Planned Prod. during the month	Production during the			Cumulative Production (April -November)			% variation over last year		% variation during the month
		Month under review *	Corresponding month last year	Preceding month of current year	Planned Prod. during current year	Actual Prod. during current year	Actual Prod. corresponding 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>A. Production of Crude Oil</b>										
<b>1. Oil &amp; Natural Gas Corp. Ltd.</b>	<b>2007.400</b>	<b>1860.000</b>	<b>1939.000</b>	<b>1882.000</b>	<b>15736.300</b>	<b>15002.500</b>	<b>15936.000</b>	<b>-4.1</b>	<b>-5.9</b>	<b>-7.3</b>
<b>Onshore</b>	<b>589.400</b>	<b>567.000</b>	<b>605.000</b>	<b>577.000</b>	<b>4712.300</b>	<b>4644.500</b>	<b>4982.000</b>	<b>-6.3</b>	<b>-6.8</b>	<b>-3.8</b>
Gujarat	446.000	423.000	461.000	434.000	3584.000	3481.000	3816.000	-8.2	-8.8	-5.2
Andhra Pradesh \$	26.000	24.000	25.000	24.000	190.000	193.000	204.000	-4.0	-5.4	-7.7
Tamil Nadu	17.000	19.000	20.000	21.000	142.000	166.000	165.000	-5.0	0.6	11.8
Assam	100.000	101.000	99.000	98.000	794.000	804.000	797.000	2.0	0.9	1.0
Tripura	0.400	0.000	0.000	0.000	2.300	0.500	0.000	0.0	0.0	-100.0
<b>Mumbai High Offshore</b>	<b>1418.000</b>	<b>1293.000</b>	<b>1334.000</b>	<b>1305.000</b>	<b>11024.000</b>	<b>10358.000</b>	<b>10954.000</b>	<b>-3.1</b>	<b>-5.4</b>	<b>-8.8</b>
Oil	1227.000	1116.000	1176.000	1130.000	9455.000	8976.000	9699.000	-5.1	-7.5	-9.0
Condensates	191.000	177.000	158.000	175.000	1569.000	1382.000	1255.000	12.0	10.1	-7.3
<b>2. Oil India Ltd. (OIL)</b>	<b>325.800</b>	<b>297.211</b>	<b>311.240</b>	<b>314.860</b>	<b>2628.300</b>	<b>2499.890</b>	<b>2573.470</b>	<b>-4.5</b>	<b>-2.9</b>	<b>-8.8</b>
Assam	323.800	295.441	309.340	313.040	2612.400	2485.359	2554.650	-4.5	-2.7	-8.8
Arunachal Pradesh	2.000	1.770	1.900	1.820	15.900	14.531	18.820	-6.8	-22.8	-11.5
<b>3. DGH (Private / JVC)</b>	<b>994.086</b>	<b>949.672</b>	<b>833.220</b>	<b>1006.707</b>	<b>8116.012</b>	<b>7890.081</b>	<b>7020.119</b>	<b>14.0</b>	<b>12.4</b>	<b>-4.5</b>
<b>Onshore</b>	<b>740.835</b>	<b>731.081</b>	<b>544.830</b>	<b>764.981</b>	6028.108	5936.450	4421.015	<b>34.2</b>	<b>34.3</b>	<b>-1.3</b>
Arunachal Pradesh	10.150	8.264	7.780	8.839	82.552	64.766	61.178	6.2	5.9	-18.6
Assam	0.000	0.000	0.000	0.000	0.000	0.000	0.865	0.0	-100.0	0.0
Gujarat	11.407	10.884	12.400	11.408	95.428	98.860	95.136	-12.2	3.9	-4.6
Rajasthan	719.278	711.933	524.650	744.734	5850.128	5772.824	4263.836	35.7	35.4	-1.0
<b>Offshore</b>	<b>253.251</b>	<b>218.591</b>	<b>288.390</b>	<b>241.726</b>	<b>2087.904</b>	<b>1953.631</b>	<b>2599.104</b>	<b>-24.2</b>	<b>-24.8</b>	<b>-13.7</b>
<b>GRAND TOTAL (1+2+3)</b>	<b>3327.286</b>	<b>3106.883</b>	<b>3083.460</b>	<b>3203.567</b>	<b>26480.612</b>	<b>25392.471</b>	<b>25529.589</b>	<b>0.8</b>	<b>-0.5</b>	<b>-6.6</b>
Onshore	1656.035	1595.292	1461.070	1656.841	13368.708	13080.840	11976.485	9.2	9.2	-3.7
Offshore	1671.251	1511.591	1622.390	1546.726	13111.904	12311.631	13553.104	-6.8	-9.2	-9.6

\*: 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 &amp; NATURAL GAS

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

Name of the PSU / Private Co.	Planned Prodn. during the month \$	Production during the			Cumulative Production (April - November)			(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>B. Refinery Production</b>										
(In terms of crude throughput)										
<b>Public Sector</b>	<b>10716.300</b>	<b>10743.353</b>	<b>10222.102</b>	<b>11066.335</b>	<b>83232.900</b>	<b>82188.799</b>	<b>79505.254</b>	<b>5.099</b>	<b>3.375</b>	<b>0.252</b>
1. IOC, Guwahati	87.000	81.140	90.980	100.790	618.000	603.812	686.355	-10.816	-12.026	-6.736
2. IOC, Barauni	506.600	538.414	562.896	525.120	4008.900	4260.107	3775.959	-4.349	12.822	6.280
3. IOC, Koyali	1270.000	1223.472	1149.214	1285.646	8850.000	8890.007	9424.690	6.462	-5.673	-3.664
4. IOC, Haldia	610.000	655.038	672.043	654.994	5020.000	4796.081	5447.965	-2.530	-11.966	7.383
5. IOC, Mathura	676.500	730.372	750.445	691.043	5329.200	5732.625	5201.704	-2.675	10.207	7.963
6. IOC, Digboi	56.000	58.184	41.178	40.994	426.000	435.910	401.499	41.299	8.571	3.900
7. IOC, Panipat	1320.000	1272.510	1209.506	1148.444	9676.200	9811.264	10231.211	5.209	-4.105	-3.598
8. IOC, Bongaigaon	165.000	202.532	205.123	209.291	1470.000	1584.896	1422.719	-1.263	11.399	22.747
<b>Total IOC</b>	<b>4691.100</b>	<b>4761.662</b>	<b>4681.385</b>	<b>4656.322</b>	<b>35398.300</b>	<b>36114.702</b>	<b>36592.102</b>	<b>1.715</b>	<b>-1.305</b>	<b>1.504</b>
9. BPCL, Mumbai	1070.200	1070.829	1150.261	1132.501	8609.100	8728.849	8773.538	-6.906	-0.509	0.059
10. BPCL, Kochi	680.000	716.893	875.384	901.645	6620.000	6955.973	6006.392	-18.105	15.810	5.425
11. BORL, Bina	525.000	551.904	0.000	564.045	3882.300	3606.099	0.000	0.000	0.000	5.125
<b>Total BPCL</b>	<b>2275.200</b>	<b>2339.626</b>	<b>2025.645</b>	<b>2598.191</b>	<b>19111.400</b>	<b>19290.921</b>	<b>14779.930</b>	<b>15.500</b>	<b>30.521</b>	<b>2.832</b>
12. HPCL, Mumbai	630.700	692.624	619.845	729.377	5129.600	5207.666	4889.063	11.741	6.517	9.818
13. HPCL, Visakh	795.500	585.758	721.702	725.897	5967.000	4859.641	6080.682	-18.837	-20.081	-26.366
<b>Total HPCL</b>	<b>1426.200</b>	<b>1278.382</b>	<b>1341.547</b>	<b>1455.274</b>	<b>11096.600</b>	<b>10067.307</b>	<b>10969.745</b>	<b>-4.708</b>	<b>-8.227</b>	<b>-10.364</b>
14. CPCL, Manali	899.400	767.589	825.417	742.731	6422.300	5586.647	6503.410	-7.006	-14.097	-14.655
15. CPCL, Narimanam(CBR)	59.400	52.359	53.870	55.217	460.700	416.791	410.697	-2.805	1.484	-11.854
<b>Total CPCL</b>	<b>958.800</b>	<b>819.948</b>	<b>879.287</b>	<b>797.948</b>	<b>6883.000</b>	<b>6003.438</b>	<b>6914.107</b>	<b>-6.749</b>	<b>-13.171</b>	<b>-14.482</b>
16. NRL, Numaligarh	260.000	234.626	231.483	254.748	1630.500	1569.609	1926.449	1.358	-18.523	-9.759
17. MRPL, Mangalore	1100.000	1306.069	1057.284	1300.158	9075.000	9110.818	8278.289	23.531	10.057	18.734
18. ONGC, Tatipaka	5.000	3.040	5.471	3.694	38.100	32.004	44.632	-44.434	-28.294	-39.200
<b>Private Sector \$</b>	<b>4216.900</b>	<b>4636.705</b>	<b>4208.460</b>	<b>4795.850</b>	<b>34073.200</b>	<b>37095.291</b>	<b>31760.875</b>	<b>10.176</b>	<b>16.796</b>	<b>9.955</b>
1. RIL, Jamnagar	2556.000	2960.166	2940.000	3067.000	20786.000	23942.666	23492.000	0.686	1.918	15.812
2. Essar Oil Ltd.(EOL), Vadinar	1660.900	1676.539	1268.460	1728.850	13287.200	13152.625	8268.875	32.171	59.062	0.942
<b>TOTAL(B) \$</b>	<b>14933.200</b>	<b>15380.058</b>	<b>14430.562</b>	<b>15862.185 #</b>	<b>117306.100</b>	<b>119284.090</b>	<b>111266.129</b>	<b>6.580</b>	<b>7.206</b>	<b>2.992</b>

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

**Reasons for shortfall as indicated in the note.**

\$: RPL(SEZ) Planned targets &amp; 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 November, 2012 and cumulatively for the period April, 2012 -November, 2013 vis-à-vis 2011-12**

(Qty: '000' Tonnes)

Name of the PSU / Private Co.	November, 2012			November, 2011			Cumulative (April - November)					
	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
<b>C. Refinery-wise Capacity Utilisation</b>												
<b>Public Sector</b>	<b>10360.000</b>	<b>10743.353</b>	<b>103.7</b>	<b>9584.000</b>	<b>10222.102</b>	<b>106.7</b>	<b>84272.000</b>	<b>82188.799</b>	<b>97.5</b>	<b>84272.000</b>	<b>79505.254</b>	<b>94.3</b>
1. IOC, Guwahati	82.000	81.140	99.0	82.000	90.980	111.0	668.000	603.812	90.4	668.000	686.355	102.7
2. IOC, Barauni	493.000	538.414	109.2	492.000	562.896	114.4	4011.000	4260.107	106.2	4011.000	3775.959	94.1
3. IOC, Koyali	1126.000	1223.472	108.7	1123.000	1149.214	102.3	9158.000	8890.007	97.1	9158.000	9424.690	102.9
4. IOC, Haldia	616.000	655.038	106.3	615.000	672.043	109.3	5014.000	4796.081	95.7	5014.000	5447.965	108.7
5. IOC, Mathura	658.000	730.372	111.0	656.000	750.445	114.4	5348.000	5732.625	107.2	5348.000	5201.704	97.3
6. IOC, Digboi	53.000	58.184	109.8	53.000	41.178	77.7	435.000	435.910	100.2	435.000	401.499	92.3
7. IOC, Panipat	1233.000	1272.510	103.2	1230.000	1209.506	98.3	10027.000	9811.264	97.8	10027.000	10231.211	102.0
8. IOC, Bongaigaon	193.000	202.532	104.9	193.000	205.123	106.3	1571.000	1584.896	100.9	1571.000	1422.719	90.6
<b>Total IOC</b>	<b>4454.000</b>	<b>4761.662</b>	<b>106.9</b>	<b>4444.000</b>	<b>4681.385</b>	<b>105.3</b>	<b>36232.000</b>	<b>36114.702</b>	<b>99.7</b>	<b>36232.000</b>	<b>36592.102</b>	<b>101.0</b>
9. BPCL, Mumbai	986.000	1070.829	108.6	984.000	1150.261	116.9	8022.000	8728.849	108.8	8022.000	8773.538	109.4
10. BPCL, Kochi	781.000	716.893	91.8	779.000	875.384	112.4	6351.000	6955.973	109.5	6351.000	6006.392	94.6
11. BORL, Bina	493.000	551.904	111.9	0.000	0.000	0.0	4011.000	3606.099	89.9	4011.000	0.000	0.0
<b>Total BPCL</b>	<b>2260.000</b>	<b>2339.626</b>	<b>103.5</b>	<b>1763.000</b>	<b>2025.645</b>	<b>114.9</b>	<b>18384.000</b>	<b>19290.921</b>	<b>104.9</b>	<b>18384.000</b>	<b>14779.930</b>	<b>80.4</b>
12. HPCL, Mumbai	534.000	692.624	129.7	533.000	619.845	116.3	4345.000	5207.666	119.9	4345.000	4889.063	112.5
13. HPCL, Visakh	682.000	585.758	85.9	680.000	721.702	106.1	5548.000	4859.641	87.6	5548.000	6080.682	109.6
<b>Total HPCL</b>	<b>1216.000</b>	<b>1278.382</b>	<b>105.1</b>	<b>1213.000</b>	<b>1341.547</b>	<b>110.6</b>	<b>9893.000</b>	<b>10067.307</b>	<b>101.8</b>	<b>9893.000</b>	<b>10969.745</b>	<b>110.9</b>
14. CPCL, Manali	863.000	767.589	88.9	861.000	825.417	95.9	7019.000	5586.647	79.6	7019.000	6503.410	92.7
15. CPCL, Narimanam	82.000	52.359	63.9	82.000	53.870	65.7	668.000	416.791	62.4	668.000	410.697	61.5
<b>Total CPCL</b>	<b>945.000</b>	<b>819.948</b>	<b>86.8</b>	<b>943.000</b>	<b>879.287</b>	<b>93.2</b>	<b>7687.000</b>	<b>6003.438</b>	<b>78.1</b>	<b>7687.000</b>	<b>6914.107</b>	<b>89.9</b>
16. NRL, Numaligarh	247.000	234.626	95.0	246.000	231.483	94.1	2005.000	1569.609	78.3	2005.000	1926.449	96.1
17. MRPL, Mangalore	1233.000	1306.069	105.9	969.000	1057.284	109.1	10027.000	9110.818	90.9	10027.000	8278.289	82.6
18. ONGC, Tatipaka	5.000	3.040	60.8	6.000	5.471	91.2	44.000	32.004	72.7	44.000	44.632	101.4
<b>Private Sector \$</b>	<b>4191.000</b>	<b>4636.705</b>	<b>110.6</b>	<b>3566.000</b>	<b>4208.460</b>	<b>118.0</b>	<b>34093.000</b>	<b>37095.291</b>	<b>108.8</b>	<b>34093.000</b>	<b>31760.875</b>	<b>93.2</b>
1. RPL, Jamnagar	2712.000	2960.166	109.2	2705.000	2940.000	108.7	22060.000	23942.666	108.5	22060.000	23492.000	106.5
2. Essar Oil Ltd.(EOL), Vadinar	1479.000	1676.539	113.4	861.000	1268.460	147.3	12033.000	13152.625	109.3	12033.000	8268.875	68.7
<b>TOTAL \$</b>	<b>14551.000</b>	<b>15380.058</b>	<b>105.7</b>	<b>13150.000</b>	<b>14430.562</b>	<b>109.7</b>	<b>118365.000</b>	<b>119284.090</b>	<b>100.8</b>	<b>118365.000</b>	<b>111266.129</b>	<b>94.0</b>

\*: 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.

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## MINISTRY OF PETROLEUM &amp; NATURAL GAS

## Review of Natural Gas Production during the month of November, 2012 and cumulatively for the period April'12-November, 2012 vis-à-vis 2011-12

Name of the Undertaking / Unit	Planned Prodn. during the month	Production during the			Cumulative Production (April - November)			% 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
<b>D. Natural Gas Production</b>										
<b>1. Oil &amp; Natural Gas Corp. Ltd.</b>	<b>1952.120</b>	<b>1930.374</b>	<b>1911.290</b>	<b>1979.184</b>	<b>15748.767</b>	<b>15723.858</b>	<b>15299.180</b>	<b>1.0</b>	<b>2.8</b>	<b>-1.1</b>
<b>Onshore</b>	<b>411.690</b>	<b>447.035</b>	<b>479.192</b>	<b>459.891</b>	<b>3417.205</b>	<b>3649.517</b>	<b>3776.787</b>	<b>-6.7</b>	<b>-3.4</b>	<b>8.6</b>
Gujarat	95.876	153.992	156.099	153.517	918.549	1258.418	1264.412	-1.3	-0.5	60.6
Rajasthan	1.219	1.361	1.415	1.400	9.908	10.231	11.194	-3.8	-8.6	11.6
Andhra Pradesh	81.590	96.377	119.260	101.774	694.672	848.701	895.346	-19.2	-5.2	18.1
Tamil Nadu	111.278	100.703	106.184	102.926	929.207	788.104	849.186	-5.2	-7.2	-9.5
Assam	37.557	40.161	42.494	42.537	302.630	331.029	332.166	-5.5	-0.3	6.9
Tripura	84.170	54.441	53.740	57.737	562.239	413.034	424.483	1.3	-2.7	-35.3
<b>Offshore</b>	<b>1540.430</b>	<b>1483.339</b>	<b>1432.098</b>	<b>1519.293</b>	<b>12331.562</b>	<b>12074.341</b>	<b>11522.393</b>	<b>3.6</b>	<b>4.8</b>	<b>-3.7</b>
<b>2. Oil India Ltd. (OIL)</b>	<b>250.300</b>	<b>223.676</b>	<b>218.037</b>	<b>225.778</b>	<b>1952.500</b>	<b>1766.111</b>	<b>1771.825</b>	<b>2.6</b>	<b>-0.3</b>	<b>-10.6</b>
Assam	228.600	201.690	196.112	204.140	1783.400	1618.276	1602.488	2.8	1.0	-11.8
Arunachal Pradesh	1.500	1.774	1.329	1.779	11.900	12.792	12.727	33.5	0.5	18.3
Rajasthan	20.200	20.212	20.596	19.859	157.200	135.044	156.610	-1.9	-13.8	0.1
<b>3. DGH (Private / JVC)</b>	<b>1225.411</b>	<b>1108.259</b>	<b>1718.086</b>	<b>1223.295</b>	<b>9767.394</b>	<b>10553.622</b>	<b>15210.601</b>	<b>-35.5</b>	<b>-30.6</b>	<b>-9.6</b>
<b>Onshore</b>	<b>21.264</b>	<b>67.924</b>	<b>55.702</b>	<b>73.083</b>	<b>106.518</b>	<b>530.980</b>	<b>472.922</b>	<b>21.9</b>	<b>12.3</b>	<b>219.4</b>
Arunachal Pradesh	2.027	1.329	1.578	1.717	14.477	15.401	15.375	-15.8	0.2	-34.4
Assam	0.000	0.000	0.000	0.000	0.000	0.000	8.416	0.0	-100.0	0.0
Gujarat	8.597	13.609	18.500	15.834	80.436	137.476	165.337	-26.4	-16.9	58.3
Rajasthan	0.000	43.919	28.951	46.202	0.000	307.698	229.124	51.7	34.3	0.0
West Bengal \$ (CBM)	10.490	8.569	6.309	8.781	10.490	66.174	51.459	35.8	28.6	0.0
Madhya Pradesh (CBM)	0.150	0.281	0.219	0.292	1.115	2.208	0.921	28.3	139.7	87.3
Jharkhand (CBM)	0.000	0.217	0.145	0.257	0.000	2.023	2.290	49.7	-11.7	0.0
<b>Offshore</b>	<b>1204.147</b>	<b>1040.335</b>	<b>1662.384</b>	<b>1150.212</b>	<b>9660.876</b>	<b>10022.642</b>	<b>14737.679</b>	<b>-37.4</b>	<b>-32.0</b>	<b>-13.6</b>
<b>TOTAL (1+2+3)</b>	<b>3427.831</b>	<b>3262.309</b>	<b>3847.413</b>	<b>3428.257</b>	<b>27468.661</b>	<b>28043.591</b>	<b>32281.606</b>	<b>-15.2</b>	<b>-13.1</b>	<b>-4.8</b>
Onshore	683.254	738.635	752.931	758.752	5476.223	5946.608	6021.534	-1.9	-1.2	8.1
Offshore	2744.577	2523.674	3094.482	2669.505	21992.438	22096.983	26260.072	-18.4	-15.9	-8.0

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

\$: Coal Bed Methane production.

Reasons for shortfall as indicated in the note.