

Government of India
Ministry of Petroleum and Natural Gas
Economics & Statistics Division

New Delhi

Dated the 23rd November, 2016

Monthly Production Report
October 2016

Crude Oil

- Crude oil production¹ during October 2016 was 3050.87 TMT which is 1.90% and 3.20% lower than target and production achieved in October 2015 respectively. Cumulative crude oil production during April-October, 2016 was 21114.51 TMT which is 1.21% and 3.29% lower than target and production during corresponding period of last year respectively. Unit-wise and state-wise crude oil production is given at Annexure-I. Unit-wise crude oil production for the month of October, 2016 and cumulatively for the period April-October, 2016 vis-à-vis same period of last year has been shown in Table-1 and month-wise in Figure-1.

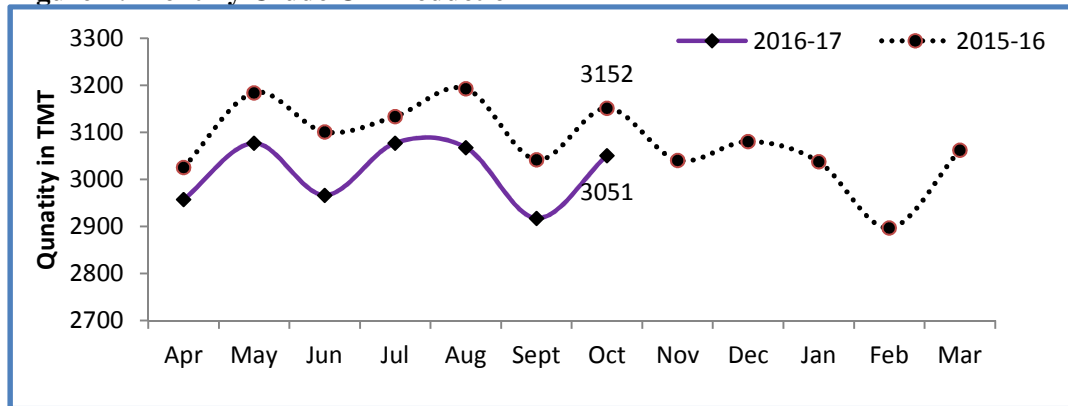
Table-1: Crude Oil Production (in TMT)

Oil Company	Target	October (Month)				April-October (Cumulative)			
	2016-17 (Apr-Mar)	2016-17		2015-16	% over last year	2016-17		2015-16	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
ONGC	22766.00	1898.46	1872.31	1909.35	98.06	13074.54	12901.21	13150.19	98.11
OIL	3480.00	290.09	275.62	265.95	103.64	1909.01	1880.40	1915.61	98.16
PSC Fields	10839.32	921.30	902.94	976.52	92.47	6389.48	6332.90	6766.18	93.60
Total	37085.32	3109.85	3050.87	3151.82	96.80	21373.03	21114.51	21831.98	96.71

*: Provisional

¹ Including condensate

Figure-1: Monthly Crude Oil Production



Unit-wise production details with reasons for shortfall have been given in following sub-sections:

1.1 Crude oil production by ONGC during October, 2016 was 1872.31 TMT which is 1.38% lower than the monthly target and 1.94% less when compared with October 2015. Cumulative crude oil production during April-October, 2016 was 12901.21 TMT which is 1.33% lower than target for the period and 1.89% lower than the production during corresponding period of last year. Shortfall in production was mainly due to less than planned production from matured and marginal fields.

1.1 Crude oil production by OIL during October, 2016 was 275.62 TMT which is 4.99% lower than monthly target but 3.64% higher than production in October 2015. Cumulative crude oil production during April-October, 2016 was 1880.40 TMT which is 1.50% lower than target for the period and 1.84% lower than the production during corresponding period of last year. The major reason for shortfall in production was less than planned contribution from high producing areas like Greater Hapjan, Greater Chandmari and Nahorkatiya fields primarily on account of rise in water cut.

1.2 Crude oil production by Pvt. /JVs during October 2016 was 902.94 TMT which is 1.99% lower than the monthly target and 7.53% lower than October, 2015. Cumulative crude oil production during April-October, 2016 was 6332.90 TMT which is 0.89 % lower than target for the period and 6.40% lower than the production during corresponding period of last year. Reasons for shortfall in production are as under:

- ❖ High water cut in Bhagyam field & Natural Decline of Mangala wells of RJ-ON-90/1 and Process Shutdown at MPT on 3rd and 7th October in RJ-ON-90/1.
- ❖ Natural Decline in Ravva & CB-OS/2.
- ❖ Closure of 1 well in MA field in KG-DWN-98/3.

Natural Gas

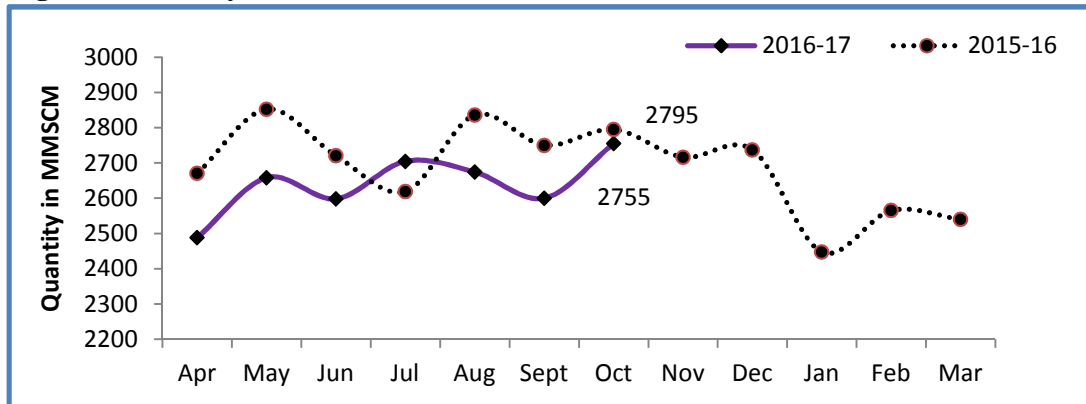
- 2 Natural gas production during October 2016 was 2755.13 MMSCM which is 5.35% lower than the target for the month and 1.43% lower than the production in October 2015. Cumulative natural gas production during April-October, 2016 was 18478.66 MMSCM which is 3.94% lower than target for the period and 3.98% lower than the production during corresponding period of last year. Unit-wise and state-wise natural gas production is given at Annexure-II. Unit-wise natural gas production for the month of October, 2016 and cumulatively for the period April-October, 2016 vis-à-vis same period of last year has been shown in Table-2 and month-wise in Figure-2.

Table-2: Natural Gas Production (MMSCM)

Oil Company	Target	October (Month)				April-October (Cumulative)			
	2016-17 (Apr-Mar)	2016-17		2015-16	% over last year	2016-17		2015-16	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
ONGC	22743.43	1950.80	1943.03	1838.44	105.69	12743.79	12626.57	12676.32	99.61
OIL	2950.03	255.90	245.78	254.33	96.64	1770.43	1720.15	1598.30	107.62
PSC Fields	8425.44	704.01	566.32	702.25	80.64	4722.83	4131.94	4969.23	83.15
Total	34118.90	2910.71	2755.13	2795.02	98.57	19237.05	18478.66	19243.86	96.02

*: Provisional

Figure-2: Monthly Natural Gas Production



- 2.1 Natural gas production by ONGC during October, 2016 was 1943.03 MMSCM which is 0.40% lower than the monthly target but 5.69% higher when compared with October 2015. Cumulative natural gas production during April-October, 2016 was 12626.57 MMSCM which is 0.92% lower than the cumulative target and 0.39% lower than the production during the corresponding period of last year. Shortfall in production was mainly due to less than planned production from matured and marginal fields.

2.2 Natural gas production by OIL during October, 2016 was 245.78 MMSCM which is 3.95% lower than the monthly target and 3.36% lower than October 2015. Cumulative natural gas production during April-October, 2016 was 1720.15 MMSCM which is 2.84% lower than the cumulative target but 7.62% higher than the production during the corresponding period of last year. Reasons for shortfall in production are as under:

- ❖ Low production due to decline in production potential in a few high producing gas wells due to unexpected subsurface problems like water and sand ingress.
- ❖ BVFCL – Namrup-II shutdown for 9 days for problem in NG Booster compressor and leakage in Primary Reformer Tubes and Namrup-II plant shutdown since 08.10.2016 due to breakdown of Process Air Compressor
- ❖ NTPS - Due to unplanned intermittent shutdown of GT#2 and GT#4 for maintenance purpose.

2.3 Natural gas production by Pvt. /JVs during October 2016 was 566.32 MMSCM which is 19.56% lower than the monthly target and 19.36% less when compared with October, 2015. Cumulative natural gas production during April-October, 2016 was 4131.94 MMSCM which is 12.51% lower than the cumulative target and 16.85% lower than the production during the corresponding period of last year. Reasons for shortfall in production are as under:

- ❖ Closure of 1 well in MA and 1 well in D1D3 field in KG-DWN-98/3.
- ❖ PC, PG & PF Platforms shutdown for different durations at Panna-Mukta, in response to leak in riser.
- ❖ Increase in Water cut in few wells in RJ-ON/6.
- ❖ Underperformance of Sohagpur West CBM blocks.
- ❖ Natural Decline in Ravva.

Refinery Production (in terms of Crude oil processed)

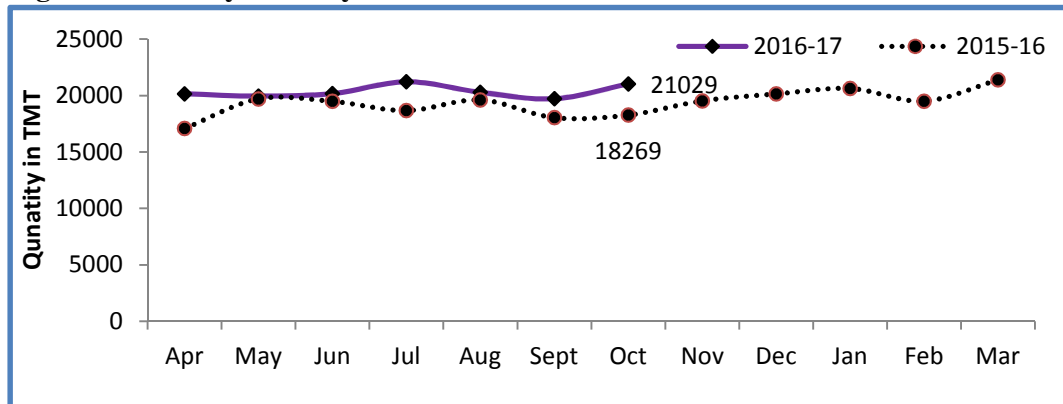
3 Refinery production during October, 2016 was 21029.27 TMT which is 1.74% higher than the target for the month and 15.11% higher than the production during corresponding period of last year. Cumulative production during April-October, 2016 was 142529.56 TMT which is 2.82% higher than the target for the period and 8.91% higher than the production during corresponding period of last year. Unit-wise production is given at Annexure-III. Company-wise production for the month of October, 2016 and cumulatively for the period April-October, 2016 vis-à-vis same period of last year has been shown in Table-3 and month-wise in Figure-3.

Table 3: Refinery Production (TMT)

Oil Company	Target	October (Month)				April-October (Cumulative)			
	2016-17 (Apr-Mar)	2016-17		2015-16	% over last year	2016-17		2015-16	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
PSUS	135565.03	11569.05	11845.62	9890.40	119.77	78068.42	79212.25	70562.25	112.26
IOCL	65100.00	5482.85	5542.75	4705.63	117.79	37417.10	37275.92	31956.20	116.65
BPCL	25250.15	2211.67	2220.13	1781.95	124.59	14479.66	14797.71	13822.77	107.05
HPCL	16800.29	1493.00	1523.75	1523.80	100.00	9797.52	10040.96	9488.23	105.83
CPCL	10250.00	934.81	985.80	668.96	147.36	6453.63	6556.71	5549.14	118.16
NRL	2670.00	267.67	197.12	232.95	84.62	1500.67	1440.68	1399.28	102.96
MRPL	15450.00	1175.00	1368.89	972.14	140.81	8395.00	9051.32	8314.86	108.86
ONGC	44.59	4.05	7.18	4.98	144.29	24.85	48.95	31.78	154.04
JVs	15000.00	1321.02	1426.13	1544.65	92.33	8870.09	10200.69	10073.81	101.26
BORL	6000.00	525.00	610.13	612.91	99.55	3375.00	3883.41	3657.60	106.17
HMEL	9000.00	796.02	816.00	931.74	87.58	5495.09	6317.28	6416.21	98.46
Private	89852.65	7779.85	7757.53	6833.50	113.52	51685.48	53116.63	50233.10	105.74
RIL	69561.01	6069.86	5980.36	6069.86	98.53	39829.52	40829.87	39829.52	102.51
EOL	20291.64	1709.99	1777.17	763.64	232.72	11855.96	12286.76	10403.57	118.10
TOTAL	240417.68	20669.92	21029.27	18268.54	115.11	138623.99	142529.56	130869.16	108.91

*: Provisional

Figure 3: Monthly Refinery Production



3.1 PSU Refineries’ production during October, 2016 was 11845.62 TMT which is 2.39% higher than the target for the month and 19.77% higher than the production achieved in the corresponding month of last year. Cumulative production during April-October, 2016 was 79212.25 TMT which is 1.47% higher than the target for the period and 12.26% higher than the production during corresponding period of last year. Reasons for shortfall of refinery production in some PSU refineries are as under:

- ❖ IOCL, Paradip: Throughput lower due to coke upliftment issue.
- ❖ IOCL, Digboi/ Guwahati: Lower availability of Assam crude.
- ❖ HPCL, Visakh: Regulation of primary units caused due to unplanned shutdown of secondary units.

❖ NRL, Numaligarh: Delay in startup after shutdown.

- 3.2 Production in JV refineries during October, 2016 was 1426.13 TMT which is 7.96% higher than the target for the month but 7.67% lower than the production achieved in the corresponding month of last year. Cumulative production during April-October, 2016 was 10200.69 TMT which is 15% higher than the target for the period and 1.26% higher than the production during corresponding period of last year.
- 3.3 Production in private refineries during October, 2016 was 7757.53 TMT which is 0.29% lower than the target for the month but 13.52% higher than the production achieved in the corresponding month of last year. Cumulative production during April-October, 2016 was 53116.63 TMT which is 2.77% higher than the target for the period and 5.74% higher than the production during corresponding period of last year.
- 3.4 Refinery-wise details of the capacity utilization and production of petroleum products during the month of October, 2016 and cumulatively for the period April-October, 2016 vis-à-vis April-October, 2015 are given at Annexures-IV and V respectively.

Annexure-I

(Para 1)

MINISTRY OF PETROLEUM & NATURAL GAS

Crude Oil Production during the month of October, 2016 and cumulatively for the period April-October, 2016 vis-à-vis April-October, 2015

(Qty: '000' Tonnes)

Name of Undertaking/Unit/State	Planned production during the month	Production during the			Cumulative Production			% variation over last year		% variation during the month under review over planned production
		Month under review *	Corresponding month of last year **	Preceding month of current year **	(April-October)			During the month under review	Upto the end of the period	
					Planned production during current year	Actual production during current year *	Actual production during corresponding period of last year **			
(1)	(2)	(3)	(4)	(5)	(5)	(6)	(7)	(8)	(9)	(10)
1. ONGC	1898.460	1872.313	1909.353	1803.681	13074.537	12901.214	13150.185	-1.94	-1.89	-1.38
Onshore	507.839	502.448	493.951	490.106	3450.758	3444.634	3384.633	1.72	1.77	-1.06
Andhra Pradesh	24.935	24.823	24.886	24.232	160.700	155.567	175.971	-0.25	-11.60	-0.45
Assam ^	85.062	82.952	80.807	77.955	571.169	552.175	565.065	2.65	-2.28	-2.48
Gujarat	378.525	375.713	367.459	369.329	2586.715	2602.778	2492.556	2.25	4.42	-0.74
Tamil Nadu	19.317	18.960	20.799	18.590	132.174	134.114	151.041	-8.84	-11.21	-1.85
Offshore	1390.621	1369.865	1415.402	1313.575	9623.779	9456.580	9765.552	-3.22	-3.16	-1.49
Eastern Offshore	3.292	1.337	2.339	1.365	10.474	9.012	13.297	-42.84	-32.23	-59.39
Western Offshore	1269.106	1251.967	1293.312	1206.297	8806.089	8660.761	8980.060	-3.20	-3.56	-1.35
Condensates	118.223	116.561	119.751	105.913	807.216	786.807	772.195	-2.66	1.89	-1.41
2. OIL (Onshore)	290.088	275.619	265.949	261.841	1909.010	1880.403	1915.610	3.64	-1.84	-4.99
Assam	289.539	274.980	265.456	261.218	1904.843	1875.861	1912.785	3.59	-1.93	-5.03
Arunachal Pradesh	0.549	0.639	0.493	0.623	4.167	4.542	2.825	29.61	60.78	16.39
3. DGH (Private / JVC)	921.305	902.940	976.518	851.904	6389.478	6332.896	6766.183	-7.53	-6.40	-1.99
Onshore	745.656	728.121	767.813	688.611	5108.144	5052.756	5200.633	-5.17	-2.84	-2.35
Arunachal Pradesh	4.693	4.414	4.159	3.884	30.082	28.099	29.310	6.13	-4.13	-5.95
Gujarat	17.074	11.583	13.180	11.328	101.226	80.993	87.210	-12.12	-7.13	-32.16
Rajasthan	716.706	706.760	749.832	669.505	4947.609	4924.309	5083.471	-5.74	-3.13	-1.39
Tamil Nadu	7.182	5.364	0.642	3.894	29.227	19.355	0.642	-	-	-
Offshore	175.649	174.819	208.705	163.293	1281.334	1280.140	1565.550	-16.24	-18.23	-0.47
Eastern Offshore	78.279	81.291	99.309	77.825	572.264	570.337	801.247	-18.14	-28.82	3.85
Gujarat Offshore	27.220	31.813	36.787	31.138	217.750	230.015	239.121	-13.52	-3.81	16.87
Western Offshore	70.150	61.715	72.609	54.330	491.320	479.788	525.182	-15.00	-8.64	-12.02
GRAND TOTAL (1+2+3)	3109.853	3050.872	3151.820	2917.426	21373.025	21114.513	21831.978	-3.20	-3.29	-1.90
Onshore	1543.583	1506.188	1527.713	1440.558	10467.912	10377.793	10500.876	-1.41	-1.17	-2.42
Offshore	1566.270	1544.684	1624.107	1476.868	10905.113	10736.720	11331.102	-4.89	-5.25	-1.38

Note: Totals may not tally due to rounding off.

^: Includes crude oil production of Tripura

*: Provisional. **: Revised

Reasons for shortfall are indicated in the note.

MINISTRY OF PETROLEUM & NATURAL GAS

Natural Gas Production during the month of October, 2016 and cumulatively for the period April-October, 2016 vis-à-vis April-October, 2015

(Qty: Million Cubic Meters)

Name of Undertaking/Unit/State	Planned production during the month	Production during the			Cumulative Production (April-October)			% variation over last year		% variation during the month under review over planned production
		Month under review *	Corresponding month of last year **	Preceding month of current year **	Planned production during current year	Actual production during current year *	Actual production during corresponding period of last year **	During the month under review	Upto the end of the period	
(1)	(2)	(3)	(4)	(5)	(5)	(6)	(7)	(8)	(9)	(10)
1. ONGC	1950.796	1943.026	1838.436	1841.917	12743.793	12626.571	12676.322	5.69	-0.39	-0.40
Onshore	457.312	454.988	397.449	428.352	3019.226	2925.818	2775.851	14.48	5.40	-0.51
Andhra Pradesh	83.076	76.442	45.709	77.280	409.890	483.400	337.227	67.24	43.35	-7.99
Assam	36.266	35.620	34.005	35.734	246.425	253.721	235.070	4.75	7.93	-1.78
Gujarat	122.429	131.882	122.484	125.704	858.044	821.123	816.908	7.67	0.52	7.72
Rajasthan	0.425	0.477	0.558	0.207	2.932	2.097	3.144	-14.52	-33.30	12.33
Tamil Nadu	92.118	85.723	83.665	74.743	654.013	548.857	632.407	2.46	-13.21	-6.94
Tripura	122.998	124.844	111.028	114.684	847.921	816.620	751.095	12.44	8.72	1.50
Offshore	1493.484	1488.038	1440.987	1413.565	9724.567	9700.753	9900.471	3.27	-2.02	-0.36
Eastern Offshore	57.622	54.760	5.687	41.899	297.334	195.903	133.181	862.90	47.10	-4.97
Western Offshore	1435.863	1433.278	1435.300	1371.666	9427.233	9504.850	9767.290	-0.14	-2.69	-0.18
2. OIL	255.896	245.779	254.334	243.489	1770.426	1720.148	1598.299	-3.36	7.62	-3.95
Assam	239.929	225.961	233.003	224.603	1634.263	1574.960	1479.361	-3.02	6.46	-5.82
Arunachal Pradesh	1.087	1.014	1.046	0.981	8.443	6.960	6.525	-3.06	6.67	-6.72
Rajasthan	14.880	18.804	20.285	17.905	127.720	138.228	112.413	-7.30	22.96	26.37
3. DGH (Private / JVC)	704.014	566.322	702.252	514.686	4722.829	4131.940	4969.234	-19.36	-16.85	-19.56
Onshore	104.054	93.686	105.771	93.365	700.341	710.291	706.614	-11.43	0.52	-9.96
Assam	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.00	0.00	0.00
Arunachal Pradesh	0.794	1.363	1.626	0.972	5.086	8.424	11.294	-16.17	-25.41	71.66
Gujarat	5.212	7.557	7.432	6.984	48.941	54.038	54.074	1.68	-0.07	45.00
Rajasthan	97.242	84.078	96.667	84.992	643.012	645.734	641.200	-13.02	0.71	-13.54
Tamil Nadu	0.806	0.688	0.046	0.417	3.302	2.095	0.046	-	-	-
CBM	113.976	50.761	30.719	47.816	537.599	317.224	226.612	65.24	39.99	-55.46
Jharkhand (CBM)	0.275	0.309	0.138	0.250	1.900	1.716	1.140	123.91	50.53	12.26
Madhya Pradesh (CBM)	46.240	0.415	0.061	0.525	136.450	2.750	0.596	580.33	361.41	-99.10
West Bengal (CBM)	67.461	50.037	30.520	47.041	399.249	312.758	224.876	63.95	39.08	-25.83
Offshore	485.984	421.875	565.762	373.505	3484.889	3104.425	4036.008	-25.43	-23.08	-13.19
Eastern Offshore	327.459	259.642	369.636	248.740	2438.865	1940.593	2701.277	-29.76	-28.16	-20.71
Gujarat Offshore	3.325	7.260	5.844	6.868	22.954	48.235	38.997	24.23	23.69	118.34
Western Offshore	155.200	154.973	190.282	117.897	1023.070	1115.597	1295.734	-18.56	-13.90	-0.15
TOTAL (1+2+3)	2910.706	2755.127	2795.022	2600.092	19237.048	18478.659	19243.855	-1.43	-3.98	-5.35
CBM	113.976	50.761	30.719	47.816	537.599	317.224	226.612	65.24	39.99	-55.46
Onshore	817.261	794.453	757.554	765.213	5489.993	5356.257	5080.765	4.87	5.42	-2.79
Offshore	1979.468	1909.913	2006.749	1787.070	13209.456	12805.178	13936.479	-4.83	-8.12	-3.51

Note: Totals may not tally due to rounding off.

*: Provisional. **: Revised

CBM: Coal Bed Methane

Reasons for shortfall are indicated in the note.

MINISTRY OF PETROLEUM & NATURAL GAS

Refinery Production (in terms of crude oil processed) during the month of October, 2016 and cumulatively for the period April-October, 2016 vis-à-vis April-October, 2015

(Qty: '000' Tonnes)

Name of Undertaking/Unit	Planned production during the month	Production during the			Cumulative Production			% variation over last year		% variation during the month under review over planned production
		Month under review *	Corresponding month of last year	Preceding month of current year **	(April-October)			During the month under review	Upto the end of the period	
					Planned production during current year	Actual production during current year *	Actual production during corresponding period of last year **			
(1)	(2)	(3)	(4)	(5)	(5)	(6)	(7)	(8)	(9)	(10)
A. Public Sector	11569.053	11845.622	9890.398	10767.221	78068.423	79212.246	70562.252	19.77	12.26	2.39
1. IOC, Guwahati	81.000	72.223	76.726	68.189	578.400	508.390	593.824	-5.87	-14.39	-10.84
2. IOC, Barauni	485.502	481.318	559.226	512.540	3603.994	3824.313	3728.885	-13.93	2.56	-0.86
3. IOC, Gujarat	965.332	1134.242	1264.207	1084.316	8149.894	8409.403	7761.300	-10.28	8.35	17.50
4. IOC, Haldia	665.064	678.899	534.321	665.081	4659.526	4720.859	4333.153	27.06	8.95	2.08
5. IOC, Mathura	746.500	804.470	775.503	748.541	5170.001	5417.032	5039.348	3.74	7.49	7.77
6. IOC, Digboi	59.000	50.998	48.387	46.023	360.000	301.816	331.167	5.40	-8.86	-13.56
7. IOC, Panipat	1180.061	1301.799	1264.462	1233.884	8792.924	9042.837	8683.411	2.95	4.14	10.32
8. IOC, Bongaigaon	212.396	211.973	182.795	192.799	1419.963	1447.875	1485.108	15.96	-2.51	-0.20
9. IOC, Paradip	1088.000	806.829	0.000	444.836	4682.400	3603.392	0.000	-	-	-25.84
Total IOC	5482.854	5542.751	4705.627	4996.209	37417.102	37275.917	31956.196	17.79	16.65	1.09
10. BPCL, Mumbai	1187.342	1244.669	1126.331	1167.175	8186.296	8312.750	7674.356	10.51	8.32	4.83
11. BPCL, Kochi	1024.333	975.462	655.616	924.469	6293.365	6484.957	6148.416	48.79	5.47	-4.77
Total BPCL	2211.675	2220.131	1781.948	2091.644	14479.661	14797.707	13822.772	24.59	7.05	0.38
12. HPCL, Mumbai	685.410	720.124	697.588	630.680	4731.540	4839.194	4400.534	3.23	9.97	5.06
13. HPCL, Visakh	807.589	803.629	826.212	733.582	5065.979	5201.771	5087.693	-2.73	2.24	-0.49
Total HPCL	1492.999	1523.753	1523.800	1364.262	9797.519	10040.965	9488.227	0.00	5.83	2.06
14. CPCL, Manali	884.000	939.416	628.094	883.025	6102.000	6234.836	5234.195	49.57	19.12	6.27
15. CPCL, CBR	50.806	46.384	40.862	42.366	351.625	321.873	314.946	13.51	2.20	-8.70
Total CPCL	934.806	985.800	668.956	925.391	6453.625	6556.709	5549.141	47.36	18.16	5.46
16. NRL, Numaligarh	267.666	197.121	232.951	79.931	1500.670	1440.676	1399.282	-15.38	2.96	-26.36
17. MRPL, Mangalore	1175.000	1368.885	972.139	1302.305	8395.000	9051.322	8314.856	40.81	8.86	16.50
18. ONGC, Tatipaka	4.053	7.181	4.977	7.479	24.846	48.950	31.777	44.29	54.04	77.18
B. Joint Venture Sector	1321.017	1426.126	1544.650	1416.463	8870.085	10200.688	10073.809	-7.67	1.26	7.96
19. BORL, Bina	525.000	610.126	612.912	501.463	3375.000	3883.413	3657.600	-0.45	6.17	16.21
20. HMEL, GGSR, Bhatinda	796.017	816.000	931.738	915.000	5495.085	6317.275	6416.209	-12.42	-1.54	2.51
C. Private Sector	7779.849	7757.526	6833.496	7532.226	51685.485	53116.627	50233.096	13.52	5.74	-0.29
21. RIL, Jamnagar	2815.123	2756.656	2815.123	2657.713	18627.817	19321.918	18627.817	-2.08	3.73	-2.08
22. RIL, SEZ	3254.736	3223.700	3254.736	3123.639	21201.706	21507.951	21201.706	-0.95	1.44	-0.95
Total RIL	6069.859	5980.356	6069.859	5781.352	39829.523	40829.869	39829.523	-1.47	2.51	-1.47
23. EOL, Vadinar	1709.990	1777.170	763.637	1750.874	11855.961	12286.758	10403.573	132.72	18.10	3.93
TOTAL(A+B+C)	20669.919	21029.274	18268.544	19715.910	138623.993	142529.561	130869.157	15.11	8.91	1.74

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

Reasons for shortfall are indicated in the note.

MINISTRY OF PETROLEUM & NATURAL GAS

Refinery-wise Capacity Utilisation during the month of October, 2016 and cumulatively for the period April-October 2016 vis-à-vis April-October 2015

(Qty: '000' Tonnes)

Name of Undertaking/Unit	October,2016			October,2015			Cumulative (April - October)					
	Prorated Installed Capacity	Actual Crude T'put *	% Utilisation of Installed Capacity	Prorated Installed Capacity	Actual Crude T'put	% Utilisation of Installed Capacity	2016-17			2015-16		
							Prorated Installed Capacity	Actual Crude T'put *	% Utilisation of Installed Capacity	Prorated Installed Capacity	Actual Crude T'put **	% Utilisation of Installed Capacity
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
A. Public Sector	11471.00	11845.62	103.27	10170.00	9890.40	97.25	79189.00	79212.25	100.03	70203.00	70562.25	100.51
1. IOC, Guwahati	85.00	72.22	84.97	85.00	76.73	90.27	586.00	508.39	86.76	585.00	593.82	101.51
2. IOC, Barauni	510.00	481.32	94.38	508.00	559.23	110.08	3518.00	3824.31	108.71	3508.00	3728.89	106.30
3. IOC, Gujarat	1164.00	1134.24	97.44	1160.00	1264.21	108.98	8032.00	8409.40	104.70	8010.00	7761.30	96.90
4. IOC, Haldia	637.00	678.90	106.58	635.00	534.32	84.15	4397.00	4720.86	107.37	4385.00	4333.15	98.82
5. IOC, Mathura	679.00	804.47	118.48	678.00	775.50	114.38	4690.00	5417.03	115.50	4678.00	5039.35	107.72
6. IOC, Digboi	55.00	51.00	92.72	55.00	48.39	87.98	381.00	301.82	79.22	380.00	331.17	87.15
7. IOC, Panipat	1274.00	1301.80	102.18	1270.00	1264.46	99.56	8795.00	9042.84	102.82	8770.00	8683.41	99.01
8. IOC, Bongaigaon	200.00	211.97	105.99	199.00	182.80	91.86	1378.00	1447.88	105.07	1374.00	1485.11	108.09
9. IOC, Paradip	1274.00	806.83	63.33	0.00	0.00	0.00	8795.00	3603.39	40.97	0.00	0.00	0.00
Total IOC	5877.00	5542.75	94.31	4591.00	4705.63	102.50	40572.00	37275.92	91.88	31691.00	31956.20	100.84
10. BPCL, Mumbai	1019.00	1244.67	122.15	1016.00	1126.33	110.86	7036.00	8312.75	118.15	7016.00	7674.36	109.38
11. BPCL, Kochi	807.00	975.46	120.88	805.00	655.62	81.44	5570.00	6484.96	116.43	5555.00	6148.42	110.68
Total BPCL	1826.00	2220.13	121.58	1821.00	1781.95	97.86	12605.00	14797.71	117.40	12571.00	13822.77	109.96
12. HPCL, Mumbai	552.00	720.12	130.46	551.00	697.59	126.60	3811.00	4839.19	126.98	3801.00	4400.53	115.77
13. HPCL, Visakh	705.00	803.63	113.99	703.00	826.21	117.53	4866.00	5201.77	106.90	4853.00	5087.69	104.84
Total HPCL	1257.00	1523.75	121.22	1254.00	1523.80	121.52	8677.00	10040.96	115.72	8654.00	9488.23	109.64
14. CPCL, Manali	892.00	939.42	105.32	889.00	628.09	70.65	6156.00	6234.84	101.28	6139.00	5234.20	85.26
15. CPCL, CBR	85.00	46.38	54.57	85.00	40.86	48.07	586.00	321.87	54.93	585.00	314.95	53.84
Total CPCL	977.00	985.80	100.90	974.00	668.96	68.68	6742.00	6556.71	97.25	6724.00	5549.14	82.53
16. NRL, Numaligarh	255.00	197.12	77.30	254.00	232.95	91.71	1759.00	1440.68	81.90	1754.00	1399.28	79.78
17. MRPL, Mangalore	1274.00	1368.89	107.45	1270.00	972.14	76.55	8795.00	9051.32	102.91	8770.00	8314.86	94.81
18. ONGC, Tatipaka	6.00	7.18	119.69	6.00	4.98	82.95	39.00	48.95	125.51	39.00	31.78	81.48
B. Joint Venture Sector	1274.00	1426.13	111.94	1270.00	1544.65	121.63	8795.00	10200.69	115.98	8770.00	10073.81	114.87
19. BORL, Bina	510.00	610.13	119.63	508.00	612.91	120.65	3518.00	3883.41	110.39	3508.00	3657.60	104.26
20. HMEL, GGSR, Bhatinda	764.00	816.00	106.81	762.00	931.74	122.28	5277.00	6317.28	119.71	5262.00	6416.21	121.93
C. Private Sector	6795.00	7757.53	114.17	6776.00	6833.50	100.85	46904.00	53116.63	113.25	46776.00	50233.10	107.39
21. RIL, Jamnagar	2803.00	2756.66	98.35	2795.00	2815.12	100.72	19348.00	19321.92	99.87	19295.00	18627.82	96.54
22. RIL, SEZ	2293.00	3223.70	140.59	2287.00	3254.74	142.31	15830.00	21507.95	135.87	15787.00	21201.71	134.30
Total RIL	5096.00	5980.36	117.35	5082.00	6069.86	119.44	35178.00	40829.87	116.07	35082.00	39829.52	113.53
23. EOL, Vadinar	1699.00	1777.17	104.60	1694.00	763.64	45.08	11726.00	12286.76	104.78	11694.00	10403.57	88.97
TOTAL(A+B+C)	19540.00	21029.27	107.62	18216.00	18268.54	100.29	134888.00	142529.56	105.67	125749.00	130869.16	104.07

*: Provisional. **:Revised

MINISTRY OF PETROLEUM & NATURAL GAS

Production of Petroleum Products during the month of October 2016 and cumulatively for the period April-October 2016 vis-à-vis April-October 2015

(Qty: '000' Tonnes)

Name of Undertaking/Unit	Planned production during the month	Production during the			Cumulative Production			% variation over last year		% variation during the month under review over planned production
		Month under review *	Corresponding month of last year	Preceding month of current year **	(April-October)			During the month under review	Upto the end of the period	
					Planned production during current year	Actual production during current year*	Actual production during corresponding period of last year**			
(1)	(2)	(3)	(4)	(5)	(5)	(6)	(7)	(8)	(9)	(10)
I. Refinery										
A. Public Sector	10862.194	11281.199	9356.246	9871.875	72851.802	74102.012	66599.485	20.57	11.27	3.86
1. IOC, Guwahati	85.502	94.517	98.283	86.128	598.734	662.963	718.308	-3.83	-7.70	10.54
2. IOC, Barauni	422.054	452.822	516.763	474.909	3284.393	3471.945	3442.083	-12.37	0.87	7.29
3. IOC, Gujarat	893.857	1046.491	1213.059	975.717	7734.764	7810.472	7419.120	-13.73	5.27	17.08
4. IOC, Haldia	607.153	638.056	441.656	614.944	4244.440	4285.096	3944.865	44.47	8.62	5.09
5. IOC, Mathura	741.556	759.389	735.097	710.472	5019.979	5236.447	4864.912	3.30	7.64	2.40
6. IOC, Digboi	59.640	51.318	52.973	46.854	361.319	308.407	325.162	-3.12	-5.15	-13.95
7. IOC, Panipat	1224.100	1386.464	1313.693	1191.923	8714.852	9015.479	8733.810	5.54	3.23	13.26
8. IOC, Bongaigaon	187.153	208.178	146.978	191.580	1262.062	1285.644	1328.432	41.64	-3.22	11.23
9. IOC, Paradip	971.600	675.211	0.000	302.482	3950.300	2962.457	0.000	-	-	-30.51
Total IOC	5192.615	5312.446	4518.502	4595.009	35170.844	35038.910	30776.692	17.57	13.85	2.31
10. BPCL, Mumbai	1141.350	1196.566	1079.640	1129.404	7853.419	7995.331	7348.096	10.83	8.81	4.84
11. BPCL, Kochi	927.958	930.580	623.179	874.634	5796.976	6132.275	5803.578	49.33	5.66	0.28
Total BPCL	2069.308	2127.146	1702.819	2004.038	13650.395	14127.606	13151.674	24.92	7.42	2.80
12. HPCL, Mumbai	632.768	684.214	674.871	583.594	4368.127	4486.054	4056.494	1.38	10.59	8.13
13. HPCL, Visakh	751.678	715.598	780.459	648.229	4662.455	4706.529	4647.504	-8.31	1.27	-4.80
Total HPCL	1384.446	1399.812	1455.330	1231.823	9030.582	9192.583	8703.999	-3.81	5.61	1.11
14. CPCL, Manali	796.963	890.677	565.343	806.812	5540.947	5753.604	4773.548	57.55	20.53	11.76
15. CPCL, CBR	51.170	46.205	41.614	42.431	354.099	322.866	320.003	11.03	0.89	-9.70
Total CPCL	848.133	936.882	606.957	849.243	5895.046	6076.470	5093.551	54.36	19.30	10.46
16. NRL, Numaligarh	263.591	202.119	233.677	74.488	1489.115	1420.902	1376.200	-13.50	3.25	-23.32
17. MRPL, Mangalore	1100.100	1295.942	834.059	1110.085	7591.300	8198.592	7466.234	55.38	9.81	17.80
18. ONGC, Tatipaka	4.000	6.852	4.903	7.189	24.520	46.948	31.136	39.77	50.78	71.31
B. Joint Venture Sector	1233.684	1382.265	1434.786	1181.286	8294.065	9470.635	9420.853	-3.66	0.53	12.04
19. BOREL, Bina	484.100	571.265	556.552	453.286	3112.700	3520.488	3326.662	2.64	5.83	18.01
20. HMEL, GGS, Bhatinda	749.584	811.000	878.234	728.000	5181.365	5950.147	6094.191	-7.66	-2.36	8.19
C. Private Sector	8335.711	7782.835	7308.348	7828.221	53735.556	54921.462	52154.106	6.49	5.31	-6.63
21. RIL, Jamnagar	3044.087	2639.557	3044.087	2712.475	18823.455	19334.444	18823.455	-13.29	2.71	-13.29
22. RIL, SEZ	3639.231	3476.326	3639.231	3415.406	23459.495	23789.671	23459.495	-4.48	1.41	-4.48
Total RIL	6683.318	6115.883	6683.318	6127.881	42282.950	43124.115	42282.950	-8.49	1.99	-8.49
23. EOL, Vadinar	1652.393	1666.952	625.030	1700.340	11452.606	11797.347	9871.156	166.70	19.51	0.88
TOTAL(A+B+C)	20431.588	20446.299	18099.380	18881.382	134881.423	138494.109	128174.444	12.97	8.05	0.07
II. Fractionators										
ONGC	263.009	254.151	277.086	249.805	1644.520	1765.271	1601.843	-8.28	10.20	-3.37
OIL	3.850	3.046	3.867	2.780	23.150	19.518	23.184	-21.23	-15.81	-20.88
GAIL	83.414	100.697	98.610	90.859	593.497	636.829	633.071	2.12	0.59	20.72
D. Total Fractionators	350.273	357.894	379.564	343.444	2261.167	2421.618	2258.098	-5.71	7.24	2.18
Grand Total (A+B+C+D)	20781.861	20804.193	18478.944	19224.827	137142.590	140915.727	130432.542	12.58	8.04	0.11

Note: Totals may not tally due to rounding off.

*: Provisional.

**: Revised