

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

New Delhi

Dated the 18th December, 2017

Monthly Production Report
November, 2017

Crude Oil

1. Crude oil production¹ during November, 2017 was 2880.68 TMT which is 6.76% lower than target and 0.17% higher when compared with November 2016. Cumulative crude oil production during April-November, 2017 was 23943.34 TMT which is 4.01% lower than target for the period and 0.20% lower than production during corresponding period of last year. Unit-wise and State-wise crude oil production is given at **Annexure-I**. Unit-wise crude oil production for the month of November, 2017 and cumulatively for the period April-November, 2017 vis-à-vis same period of last year has been shown in Table-1 and month-wise in Figure-1.

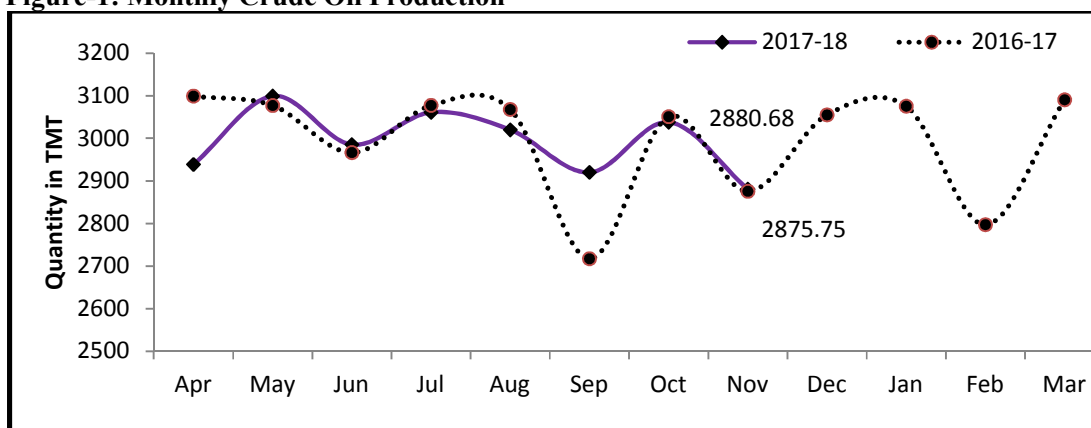
Table-1: Crude Oil Production (in TMT)

Oil Company	Target	November (Month)				April-November (Cumulative)			
	2017-18 (Apr-Mar)	2017-18		2016-17	% over last year	2017-18		2016-17	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
ONGC	23071.00	1908.90	1795.29	1823.28	98.46	15340.93	14986.62	14724.50	101.78
OIL	3734.00	306.83	279.54	269.46	103.74	2495.86	2260.04	2149.87	105.12
PSC Fields	10562.00	873.86	805.85	783.01	102.92	7106.35	6696.68	7115.90	94.11
Total	37367.00	3089.59	2880.68	2875.75	100.17	24943.14	23943.34	23990.26	99.80

Note: Totals may not tally due to rounding off.

*: Provisional

Figure-1: Monthly Crude Oil Production



¹Including condensate

Unit-wise production details with reasons for shortfall are as under:

1.1 Crude oil production by ONGC during November, 2017 was 1795.29 TMT which is 5.95% lower than the monthly target and 1.54% lower when compared with November, 2016. Cumulative crude oil production by ONGC during April-November, 2017 was 14986.62 TMT which is 2.31% lower than target for the period but 1.78% higher than production during corresponding period of last year. Reasons for shortfall in production with respect to target are as under:

- ❖ Natural decline/increase in water cut in wells of matured fields of Western Offshore.
- ❖ Additional production planned from WO-16 cluster from Oct'17 could not be realised due to delay in conversion of Sagar Samrat to MoPU.
- ❖ Production planned from project “Integrated Development of B 127 Cluster” could not be realized due to delay in implementation of project.
- ❖ Production from B-193 cluster in western offshore restricted due to high back pressure in B-193 export pipeline due to choking. Solvent jobs being carried out at regular intervals to reduce back pressure.
- ❖ Production from NBP field in western offshore affected due to ESP related issues. Rigs deployed at NBP-C & NBP-A well platforms for remedial jobs.
- ❖ Repair of sub-sea leakage in 18 inch HSA-HRG well fluid line.
- ❖ Frequent power shut downs in Mehsana, Ahmedabad & Assam hampered artificial lift operations.
- ❖ Unexpected ceasure of more flowing wells in Mehsana & Assam Asset.
- ❖ Wells closed for cluster drilling/ rig movements in Assam and Ahmedabad.

1.2 Crude oil production by OIL during November, 2017 was 279.54 TMT which is 8.90% lower than monthly target but 3.74% higher than production in November, 2016. Cumulative crude oil production by OIL during April-November, 2017 was 2260.04 TMT which is 9.45% lower than target for the period but 5.12% higher than production during corresponding period of last year. Reasons for shortfall in production are as under:

- ❖ Less than planned contribution from old wells – Rise in water cut in wells and decline in total liquid production of wells of Greater Hapjan and Greater Chandmari Fields.
- ❖ Less than planned contribution from work over wells.

1.3 Crude oil production by Pvt/JVs during November, 2017 was 805.85 TMT which is 7.78% lower than the monthly target and 2.92% higher than November, 2016. Cumulative crude oil production by Pvt/JVs during April-November, 2017 was 6696.68 TMT which is 5.76% lower than target for the period and 5.89% lower than the production during corresponding period of last year. Reasons for shortfall in production are as under:

- ❖ RJ-ON-90/1 (CIL): Around 120 wells are closed either due to high water cut or require WOJ. Underperformance of reservoir in Bhagyam. Production stopped from Guda,

Kaameshwari West, Raageshwari and Saraswati due to non-availability of tanker since July'17. Mangla production hampered due to power fluid pump tripping during Nov'17.

- ❖ CY-ONN-2002/2 (ONGC): Test production from 5 oil wells. PML not yet granted.

Natural Gas

- Natural gas production during November, 2017 was 2714.87 MMSCM which is 6.08% lower than the target for the month but 1.68% higher when compared with November, 2016. Cumulative natural gas production during April-November, 2017 was 21936.19 MMSCM which is 5.25% lower than target for the period but 3.72% higher 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 November, 2017 and cumulatively for the period April-November, 2017 vis-à-vis same period of last year has been shown in Table-2 and month-wise in Figure-2.

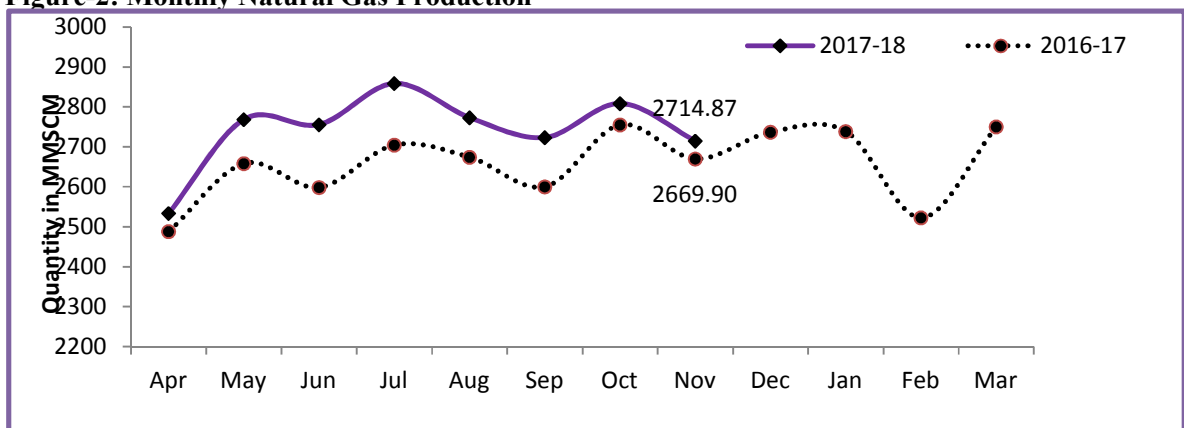
Table-2: Natural Gas Production (MMSCM)

Oil Company	Target	November (Month)				April-November (Cumulative)			
	2017-18 (Apr-Mar)	2017-18		2016-17	% over last year	2017-18		2016-17	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
ONGC	24208.00	1987.51	1957.57	1866.95	104.85	15856.50	15650.38	14493.52	107.98
OIL	3000.00	251.41	235.50	244.91	96.15	2007.46	1960.01	1965.06	99.74
PSC Fields	8034.00	651.77	521.80	558.04	93.51	5288.69	4325.80	4689.99	92.23
Total	35242.00	2890.69	2714.87	2669.90	101.68	23152.66	21936.19	21148.57	103.72

Note: Totals may not tally due to rounding off.

*: Provisional

Figure-2: Monthly Natural Gas Production



- Natural gas production by ONGC during November, 2017 was 1957.57 MMSCM which is 1.51% lower than the monthly target and 4.85% higher when compared with November, 2016. Cumulative natural gas production by ONGC during April-November, 2017 was 15650.38 MMSCM which is 1.30% lower than the cumulative target but 7.98% higher

than the production during the corresponding period of the last year. Reasons for shortfall in production are as under:

- ❖ RJ-ON-90/1 (CIL): Around 120 wells are closed either due to high water cut or require WOJ. Underperformance of reservoir in Bhagyam.
- ❖ Production stopped from Guda, Kaameshwari West, Raageshwari and Saraswati due to non-availability of tanker since July'17. Mangla production hampered due to power fluid pump tripping during Nov'17.

2.2 Natural gas production by OIL during November, 2017 was 235.50 MMSCM which is 6.33% lower than the monthly target and 3.85% lower than November, 2016. Cumulative natural gas production by OIL during April-November, 2017 was 1960.01 MMSCM which is 2.36% lower than the cumulative target and 0.26% lower than the production during the corresponding period of last year. Mainly reduction in production due to potential of few gas wells in Kathalguri and Zaloni area.

2.3 Natural gas production by Pvt/JVs during November, 2017 was 521.80 MMSCM which is 19.94% lower than the monthly target and 6.49% lower when compared with November, 2016. Cumulative natural gas production by Pvt/JVs during April-November, 2017 was 4325.80 MMSCM which is 18.21% lower than the cumulative target and 7.77% lower than the production during the corresponding period of last year. Reasons for shortfall in production are as under:

- ❖ KG- OSN-2001/3 (GSPC): Underperformance of wells.
- ❖ Sohagpur West (RIL): Underperformance of CBM wells.
- ❖ Raniganj East (Essar): Few wells closed for planned maintenance and refrac jobs. Less offtake by buyer.
- ❖ Sohagpur West (RIL): Underperformance of CBM wells.
- ❖ KG-DWN-98/3 (RIL): Closure of 2 wells in D1D3 field and 1 well in MA Field in KG-DWN-98/3. Planned compressor maintenance job at FPSO during 21st to 28th Oct.'17. Power failure occurred at onshore terminal on 3rd Nov'17 which resulted in flaring of D1D3 gas.

3. Refinery Production (in terms of crude oil processed)

Refinery production during November, 2017 was 21225.79 TMT which is 3.55% higher than the target for the month and 6.57% higher when compared with November, 2016. Cumulative production during April-November, 2017 was 165830.63 TMT which is 3.39% higher than the target for the period and 2.08% 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 November, 2017 and cumulatively for the period April-November, 2017 vis-à-vis same period of last year has been shown in Table-3 and month-wise in Figure-3.

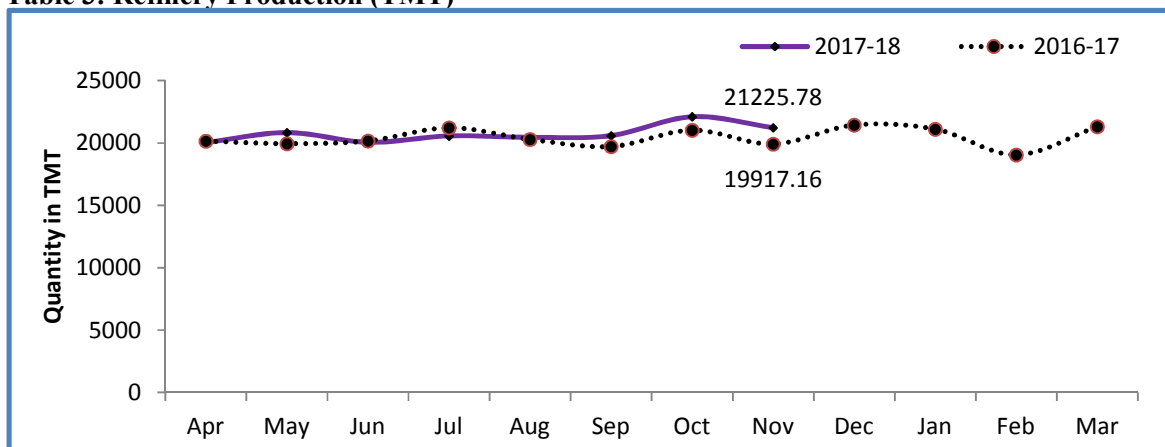
Figure 3: Monthly Refinery Production

Oil Company	Target	November (Month)				April-November (Cumulative)			
	2017-18 (Apr-Mar)	2017-18		2016-17	% over last year	2017-18		2016-17	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
CPSE	140322	11527.03	12477.51	11448.23	108.99	90764.66	95265.80	90662.32	105.08
IOCL	66290	5137.06	6130.77	5145.83	119.14	42627.15	45863.07	42421.74	108.11
BPCL	27000	2350.00	2491.63	2233.54	111.56	17350.00	17913.20	17031.25	105.18
HPCL	18000	1504.13	1358.79	1534.66	88.54	11993.36	12078.08	11575.63	104.34
CPCL	10300	911.10	834.18	864.59	96.48	6624.25	7030.72	7422.94	94.72
NRL	2670	219.53	242.57	262.88	92.28	1784.72	1893.59	1703.56	111.15
MRPL	16000	1400.00	1412.43	1399.54	100.92	10345.00	10434.30	10450.96	99.84
ONGC	62	5.22	7.14	7.18	99.45	40.17	52.86	56.23	93.99
JVs	15201	1438.00	1216.53	925.24	131.48	9420.00	9313.31	11126.91	83.70
BORL	6000	525.00	203.05	170.78	118.89	3900.00	4413.87	4054.19	108.87
HMEL	9201	913.00	1013.49	754.46	134.33	5520.00	4899.45	7072.72	69.27
Private	90480	7532.95	7531.75	7543.69	99.84	60203.40	61251.52	60660.32	100.97
RIL	70174	5816.97	5823.66	5816.97	100.12	46646.84	47477.30	46646.84	101.78
EOL	20306	1715.98	1708.09	1726.72	98.92	13556.56	13774.22	14013.48	98.29
TOTAL	246002	20497.98	21225.78	19917.16	106.57	160388.05	165830.63	162449.54	102.08

Note: Totals may not tally due to rounding off.

*: Provisional

Table 3: Refinery Production (TMT)



3.1 CPSE Refineries' production during November, 2017 was 12477.51 TMT which is only 8.25% higher than the target for the month and 8.99% higher than the production achieved in the corresponding month of last year. Cumulative production by CPSE refineries during April-November, 2017 was 95265.80 TMT which is 4.96% higher than the target for the period and 5.08% higher than the production during corresponding period of last year. Reasons for shortfall of refinery production in some CPSE refineries are as under:

- Visakh: Throughput lower than monthly target owing to CDU-I deferred shutdown taken in Nov'17 vis-à-vis July-Aug'17 planned.
- Manali: Throughput lower than monthly target due to FO containment.
- CPCL CBR: Throughput lower due to product upliftment constraints.

- 3.2 Production in JV refineries during November, 2017 was 1216.53 TMT which is 15.40% lower than the target for the month and 31.48% higher than the production achieved in the corresponding month of last year. Cumulative production by JVs refineries during April-November, 2017 was 9313.32 TMT which is 1.13% lower than the target for the period and 16.30% lower than the production during corresponding period of last year. BORL's refinery production was lower due to deferred planned turnaround during Nov'17 as against originally scheduled in Sep'17.
- 3.3 Production in private refineries during November, 2017 was 7531.75 TMT which is 0.02% lower than the target for the month and 0.16% lower when compared with November, 2016. Cumulative production by private refineries during April-November, 2017 was 61251.52 TMT which is 1.74% higher than the target for the period and 0.97% 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 November, 2017 and cumulatively for the period April-November, 2017 vis-à-vis April-November, 2016 are given at **Annexures - IV and V** respectively.

MINISTRY OF PETROLEUM & NATURAL GAS

Annexure-I

Crude Oil Production during the month of November, 2017 and cumulatively for the period April-November, 2017 vis-à-vis April-November, 2016

(Para 1)

(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-November)			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)	(6)	(7)	(8)	(9)	(10)	(11)
1. ONGC	1908.896	1795.291	1823.282	1889.346	15340.931	14986.624	14724.495	-1.54	1.78	-5.95
Onshore	504.348	489.495	489.424	509.253	4047.621	4015.812	3934.058	0.01	2.08	-2.94
Andhra Pradesh	27.226	26.922	23.475	27.742	211.040	221.871	179.040	14.68	23.92	-1.12
Assam ^	83.491	79.188	81.660	80.416	672.544	652.117	633.838	-3.03	2.88	-5.15
Gujarat	373.029	363.255	365.569	378.910	2998.234	2966.651	2968.346	-0.63	-0.06	-2.62
Tamil Nadu	20.602	20.130	18.720	22.185	165.803	175.173	152.834	7.53	14.62	-2.29
Offshore	1404.549	1305.796	1333.858	1380.093	11293.310	10970.812	10790.437	-2.10	1.67	-7.03
Eastern Offshore	5.915	0.646	1.280	0.754	51.137	5.700	10.290	-49.53	-44.61	-89.08
Western Offshore	1264.335	1191.699	1218.420	1247.687	10171.391	10004.893	9879.183	-2.19	1.27	-5.75
Condensates	134.299	113.451	114.158	131.652	1070.781	960.219	900.964	-0.62	6.58	-15.52
2. OIL (Onshore)	306.834	279.540	269.464	286.896	2495.860	2260.037	2149.867	3.74	5.12	-8.90
Assam	306.319	278.796	268.850	286.148	2491.323	2254.307	2144.711	3.70	5.11	-8.99
Arunachal Pradesh	0.515	0.621	0.614	0.639	4.537	5.034	5.156	1.14	-2.37	20.58
Rajasthan (Heavy Oil)	-	0.123	0.000	0.109	-	0.696	0.000	-	-	-
3. DGH (Private / JVC)	873.858	805.845	783.006	861.680	7106.348	6696.676	7115.902	2.92	-5.89	-7.78
Onshore	725.398	653.848	615.710	700.332	5898.852	5411.417	5668.465	6.19	-4.53	-9.86
Arunachal Pradesh	4.277	3.463	4.085	3.682	34.785	29.451	32.183	-15.23	-8.49	-19.03
Assam	0.828	0.189	0.000	0.132	6.736	0.680	0.000	-	-	-77.18
Gujarat	16.364	11.931	12.024	11.965	132.074	91.102	93.017	-0.77	-2.06	-27.09
Rajasthan	693.595	631.453	594.595	677.343	5641.204	5233.788	5518.904	6.20	-5.17	-8.96
Tamil Nadu	10.334	6.812	5.006	7.210	84.053	56.396	24.361	36.08	131.50	-34.08
Offshore	148.460	151.997	167.296	161.348	1207.496	1285.259	1447.437	-9.14	-11.20	2.38
Eastern Offshore	65.343	64.326	77.951	70.069	531.479	565.761	648.289	-17.48	-12.73	-1.56
Gujarat Offshore	24.880	31.362	28.466	32.805	202.355	254.028	258.481	10.17	-1.72	26.05
Western Offshore	58.237	56.309	60.879	58.474	473.662	465.470	540.667	-7.51	-13.91	-3.31
GRAND TOTAL (1+2+3)	3089.589	2880.676	2875.752	3037.922	24943.139	23943.337	23990.264	0.17	-0.20	-6.76
Onshore	1536.580	1422.883	1374.598	1496.481	12442.332	4543.706	11752.390	3.51	-61.34	-7.40
Offshore	1553.009	1457.793	1501.154	1541.441	12500.806	4614.199	12237.874	-2.89	-62.30	-6.13

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

^: Includes crude oil production of Tripura

*: Provisional. **: Revised

Reasons for shortfall are indicated in the note.

MINISTRY OF PETROLEUM & NATURAL GAS

Annexure-II

Natural Gas Production during the month of November, 2017 and cumulatively for the period April-November, 2017 vis-à-vis April-November, 2016

(Para 2)

(Qty: Million Cubic Meters)

Name of Undertaking/Unit/State	Planned production during the month	Production during the			Cumulative Production (April-November)			% 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)	(6)	(7)	(8)	(9)	(10)	(11)
1. ONGC	1987.515	1957.572	1866.947	2017.564	15856.501	15650.376	14493.524	4.85	7.98	-1.51
Onshore	438.962	468.016	445.340	485.611	3624.318	3754.155	3371.164	5.09	11.36	6.62
Andhra Pradesh	78.318	77.681	74.507	81.078	633.089	606.682	557.907	4.26	8.74	-0.81
Assam	36.517	41.367	34.133	44.721	293.449	341.314	287.868	21.19	18.57	13.28
Gujarat	112.942	124.695	129.975	130.728	928.708	1054.592	951.091	-4.06	10.88	10.41
Rajasthan	0.411	0.635	0.579	0.225	3.342	3.106	2.675	9.67	16.11	54.69
Tamil Nadu	90.141	99.812	84.885	102.421	764.011	794.078	633.742	17.58	25.30	10.73
Tripura	120.633	123.826	121.261	126.438	1001.718	954.383	937.881	2.12	1.76	2.65
Offshore	1548.553	1489.556	1421.607	1531.953	12232.183	11896.221	11122.360	4.78	6.96	-3.81
Eastern Offshore	74.039	43.385	53.299	46.984	533.213	383.243	249.202	-18.60	53.79	-41.40
Western Offshore	1474.514	1446.171	1368.308	1484.969	11698.969	11512.978	10873.158	5.69	5.88	-1.92
2. OIL	251.408	235.495	244.912	243.249	2007.464	1960.008	1965.063	-3.85	-0.26	-6.33
Assam	228.958	216.818	226.019	222.498	1831.524	1814.723	1800.980	-4.07	0.76	-5.30
Arunachal Pradesh	1.050	0.932	0.978	0.969	8.540	7.784	7.939	-4.70	-1.95	-11.24
Rajasthan	21.400	17.745	17.915	19.782	167.400	137.501	156.144	-0.95	-11.94	-17.08
3. DGH (Private / JVC)	651.767	521.799	558.043	547.603	5288.693	4325.801	4689.987	-6.49	-7.77	-19.94
Onshore	118.598	110.730	82.801	119.407	979.280	898.528	793.095	33.73	13.29	-6.63
Arunachal Pradesh	18.740	1.154	1.464	1.224	152.416	10.203	9.889	-21.17	3.18	-93.84
Assam	0.723	5.235	0.000	3.895	5.729	15.832	0.000	-	-	624.07
Gujarat	3.800	5.981	7.009	6.530	45.737	52.458	61.048	-14.67	-14.07	57.41
Rajasthan	94.015	97.199	73.656	106.561	764.656	811.199	719.391	31.96	12.76	3.39
Tamil Nadu	1.321	1.161	0.672	1.197	10.741	8.836	2.767	72.77	219.34	-12.09
CBM	111.872	68.637	50.286	68.026	878.682	470.077	367.511	36.49	27.91	-38.65
Jharkhand (CBM)	0.295	0.364	0.202	0.363	2.400	2.813	1.918	80.20	46.66	23.39
Madhya Pradesh (CBM)	38.630	22.617	0.472	20.359	314.192	97.656	3.223	4691.74	2929.97	-41.45
West Bengal (CBM)	72.947	45.656	49.612	47.304	562.091	369.608	362.370	-7.97	2.00	-37.41
Offshore	421.298	342.432	424.956	360.170	3430.731	2957.196	3529.381	-19.42	-16.21	-18.72
Eastern Offshore	269.298	178.200	258.503	187.716	2190.294	1620.877	2199.096	-31.06	-26.29	-33.83
Gujarat Offshore	3.050	9.502	6.771	9.920	28.987	68.683	55.006	40.33	24.86	211.50
Western Offshore	148.949	154.730	159.682	162.534	1211.450	1267.636	1275.279	-3.10	-0.60	3.88
TOTAL (1+2+3)	2890.690	2714.866	2669.902	2808.416	23152.657	21936.185	21148.574	1.68	3.72	-6.08
CBM	111.872	68.637	50.286	68.026	878.682	470.077	367.511	36.49	27.91	-38.65
Onshore	808.968	814.241	773.053	848.267	6611.061	6612.691	6129.322	5.33	7.89	0.65
Offshore	1969.851	1831.988	1846.563	1892.123	15662.914	14853.417	14651.741	-0.79	1.38	-7.00

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

*: Provisional.

** : Revised

CBM: Coal Bed Methane production.

Reasons for shortfall are indicated in the note.

MINISTRY OF PETROLEUM & NATURAL GAS

Annexure-III

Refinery Production (in terms of crude oil processed) during the month of November, 2017 and cumulatively for the period April-November, 2017 vis-à-vis April-November, 2016

(Para 3)

(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-November)			During the month under	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)	(6)	(7)	(8)	(9)	(10)	(11)
A. Public Sector	11527.031	12477.506	11448.229	12618.529	90764.655	95265.800	90662.316	8.99	5.08	8.25
1. IOC, Guwahati	69.863	90.093	72.169	95.297	568.219	681.076	580.560	24.84	17.31	28.96
2. IOC, Barauni	536.803	542.510	523.376	518.850	3584.894	3559.223	4347.689	3.66	-18.14	1.06
3. IOC, Gujarat	810.237	1252.497	1185.010	1232.886	8341.020	8827.050	9594.413	5.70	-8.00	54.58
4. IOC, Haldia	151.368	661.936	544.002	689.955	4790.000	5417.808	5264.861	21.68	2.91	337.30
5. IOC, Mathura	780.001	802.686	714.072	839.393	5564.994	5919.037	6131.104	12.41	-3.46	2.91
6. IOC, Digboi	41.000	55.397	46.561	56.434	334.000	446.100	348.377	18.98	28.05	35.11
7. IOC, Panipat	1305.100	1354.604	1294.066	1412.008	9961.316	10254.304	10336.903	4.68	-0.80	3.79
8. IOC, Bongaigaon	196.543	138.096	212.765	198.505	1507.277	1514.123	1660.640	-35.09	-8.82	-29.74
9. IOC, Paradip	1246.140	1232.949	553.805	1071.962	7975.435	9244.348	4157.197	122.63	122.37	-1.06
Total IOC	5137.055	6130.768	5145.826	6115.290	42627.154	45863.069	42421.744	19.14	8.11	19.34
10. BPCL, Mumbai	1175.000	1274.264	1221.357	995.898	8535.000	8959.968	9534.107	4.33	-6.02	8.45
11. BPCL, Kochi	1175.000	1217.365	1012.186	1200.055	8815.000	8953.229	7497.144	20.27	19.42	3.61
Total BPCL	2350.000	2491.629	2233.543	2195.953	17350.000	17913.197	17031.251	11.56	5.18	6.03
12. HPCL, Mumbai	699.452	715.446	715.370	731.322	5688.876	5709.485	5554.564	0.01	2.79	2.29
13. HPCL, Visakh	804.682	643.341	819.294	859.574	6304.487	6368.591	6021.065	-21.48	5.77	-20.05
Total HPCL	1504.134	1358.787	1534.664	1590.896	11993.363	12078.076	11575.629	-11.46	4.34	-9.66
14. CPCL, Manali	870.000	800.328	826.292	921.072	6290.000	6717.597	7062.766	-3.14	-4.89	-8.01
15. CPCL, CBR	41.096	33.849	38.300	43.140	334.247	313.118	360.173	-11.62	-13.06	-17.63
Total CPCL	911.096	834.177	864.592	964.212	6624.247	7030.715	7422.939	-3.52	-5.28	-8.44
16. NRL, Numaligarh	219.529	242.574	262.881	241.372	1784.722	1893.585	1703.557	-7.72	11.15	10.50
17. MRPL, Mangalore	1400.000	1412.428	1399.540	1503.672	10345.000	10434.302	10450.963	0.92	-0.16	0.89
18. ONGC, Tatipaka	5.217	7.143	7.183	7.134	40.170	52.855	56.233	-0.55	-6.01	36.91
B. Joint Venture	1438.000	1216.534	925.239	1611.287	9420.000	9313.315	11126.909	31.48	-16.30	-15.40
19. BORL, Bina	525.000	203.049	170.781	585.257	3900.000	4413.867	4054.194	18.89	8.87	-61.32
20. HMEL, GGSR, Bhatinda	913.000	1013.485	754.458	1026.030	5520.000	4899.448	7072.715	34.33	-30.73	11.01
C. Private Sector	7532.948	7531.745	7543.692	7878.171	60203.397	61251.519	60660.319	-0.16	0.97	-0.02
21. RIL, Jamnagar	2654.815	2745.496	2654.815	2891.654	21976.733	22060.586	21976.733	3.42	0.38	3.42
22. RIL, SEZ	3162.153	3078.164	3162.153	3282.689	24670.104	25416.711	24670.104	-2.66	3.03	-2.66
Total RIL	5816.968	5823.660	5816.968	6174.343	46646.837	47477.297	46646.837	0.12	1.78	0.12
23. EOL, Vadinar	1715.980	1708.085	1726.724	1703.828	13556.560	13774.222	14013.482	-1.08	-1.71	-0.46
TOTAL(A+B+C)	20497.979	21225.785	19917.160	22107.987	160388.052	165830.633	162449.544	6.57	2.08	3.55

Note: 1. Totals may not tally due to rounding off figures.

*: Provisional. **: Revised

2. Target for the year 2017-18 (Month-wise) reconciled.

MINISTRY OF PETROLEUM & NATURAL GAS

Annexure-IV

Refinery-wise Capacity Utilisation during the month of November, 2017 and cumulatively for the period April-November, 2017 vis-à-vis April-November, 2016 (Para 3.4)

(Qty: '000' Tonnes)

Name of Undertaking/Unit	November, 2017			November, 2016			Cumulative (April - November)					
	Prorated Installed Capacity	Actual Crude T'put *	% Utilisation of Installed Capacity	Prorated Installed Capacity	Actual Crude T'put	% Utilisation of Installed Capacity	2017-18			2016-17		
							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	11424.00	12477.51	109.22	11071.00	11448.23	103.41	92918.00	95265.80	102.53	90291.00	90662.32	100.41
1. IOC, Guwahati	82.00	90.09	109.87	82.00	72.17	88.01	668.00	681.08	101.96	668.00	580.56	86.91
2. IOC, Barauni	493.00	542.51	110.04	492.00	523.38	106.38	4011.00	3559.22	88.74	4011.00	4347.69	108.39
3. IOC, Gujarat	1126.00	1252.50	111.23	1123.00	1185.01	105.52	9158.00	8827.05	96.39	9158.00	9594.41	104.77
4. IOC, Haldia	616.00	661.94	107.46	615.00	544.00	88.46	5014.00	5417.81	108.05	5014.00	5264.86	105.00
5. IOC, Mathura	658.00	802.69	121.99	656.00	714.07	108.85	5348.00	5919.04	110.68	5348.00	6131.10	114.64
6. IOC, Digboi	53.00	55.40	104.52	53.00	46.56	87.85	435.00	446.10	102.55	435.00	348.38	80.09
7. IOC, Panipat	1233.00	1354.60	109.86	1230.00	1294.07	105.21	10027.00	10254.30	102.27	10027.00	10336.90	103.09
8. IOC, Bongaigaon	193.00	138.10	71.55	193.00	212.77	110.24	1571.00	1514.12	96.38	1571.00	1660.64	105.71
9. IOC, Paradip	1233.00	1232.95	100.00	1230.00	553.81	0.00	10027.00	9244.35	92.19	10027.00	4157.20	0.00
Total IOC	5688.00	6130.77	107.78	5672.00	5145.83	90.72	46260.00	45863.07	99.14	46260.00	42421.74	91.70
10. BPCL, Mumbai	986.00	1274.26	129.24	984.00	1221.36	124.12	8022.00	8959.97	111.69	8022.00	9534.11	118.85
11. BPCL, Kochi	1019.00	1217.37	119.47	779.00	1012.19	129.93	8289.00	8953.23	108.01	6351.00	7497.14	118.05
Total BPCL	2005.00	2491.63	124.27	1762.00	2233.54	126.76	16311.00	17913.20	109.82	14373.00	17031.25	118.49
12. HPCL, Mumbai	616.00	715.45	116.14	533.00	715.37	134.22	5014.00	5709.49	113.87	4345.00	5554.56	127.84
13. HPCL, Visakh	685.00	643.34	93.92	680.00	819.29	120.48	5569.00	6368.59	114.36	5548.00	6021.07	108.53
Total HPCL	1301.00	1358.79	104.44	1213.00	1534.66	126.52	10582.00	12078.08	114.14	9894.00	11575.63	117.00
14. CPCL, Manali	863.00	800.33	92.74	861.00	826.29	95.97	7019.00	6717.60	95.71	7019.00	7062.77	100.62
15. CPCL, CBR	82.00	33.85	41.28	82.00	38.30	46.71	668.00	313.12	46.87	668.00	360.17	53.92
Total CPCL	945.00	834.18	88.27	943.00	864.59	91.69	7688.00	7030.72	91.45	7688.00	7422.94	96.55
16. NRL, Numaligarh	247.00	242.57	98.21	246.00	262.88	106.86	2005.00	1893.59	94.44	2005.00	1703.56	84.97
17. MRPL, Mangalore	1233.00	1412.43	114.55	1230.00	1399.54	113.78	10027.00	10434.30	104.06	10027.00	10450.96	104.23
18. ONGC, Tatipaka	5.00	7.14	142.86	5.00	7.18	143.65	44.00	52.86	120.13	44.00	56.23	127.80
B. Joint Venture	1233.00	1216.53	98.66	1230.00	925.24	75.22	10027.00	9313.31	92.88	10027.00	11126.91	110.97
19. BORL, Bina	493.00	203.05	41.19	492.00	170.78	34.71	4011.00	4413.87	110.04	4011.00	4054.19	101.08
20. HMEL, GGSR, Bhatinda	740.00	1013.49	136.96	738.00	754.46	102.23	6016.00	4899.45	81.44	6016.00	7072.72	117.57
C. Private Sector	6575.00	7531.75	114.55	6557.00	7543.69	115.05	53479.00	61251.52	114.53	53479.00	60660.32	113.43
21. RIL, Jamnagar	2712.00	2745.50	101.24	2705.00	2654.82	98.14	22060.00	22060.59	100.00	22060.00	21976.73	99.62
22. RIL, SEZ	2219.00	3078.16	138.72	2213.00	3162.15	142.89	18049.00	25416.71	140.82	18049.00	24670.10	136.68
Total RIL	4932.00	5823.66	118.08	4918.00	5816.97	118.28	40110.00	47477.30	118.37	40110.00	46646.84	116.30
23. EOL, Vadinar	1644.00	1708.09	103.90	1639.00	1726.72	105.35	13370.00	13774.22	103.02	13370.00	14013.48	104.81
TOTAL(A+B+C)	19233.00	21225.78	110.36	18858.00	19917.16	105.62	156425.00	165830.63	106.01	153798.00	162449.54	105.63

*: Provisional. **:Revised

MINISTRY OF PETROLEUM & NATURAL GAS

Production of Petroleum Products during the month of November, 2017 and cumulatively for the period April-November, 2017 vis-à-vis April-November, 2016

Annexure-V

(Para 3.4)

(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-November)			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)	(6)	(7)	(8)	(9)	(10)	(11)
I. Refinery										
A. Public Sector	10860.573	11716.318	10952.032	12021.143	84804.445	90014.988	85082.116	6.98	5.80	7.88
1. IOC, Guwahati	74.404	101.681	93.821	105.625	605.372	754.744	756.784	8.38	-0.27	36.66
2. IOC, Barauni	504.325	469.162	476.301	508.786	3259.189	3300.158	3948.246	-1.50	-16.41	-6.97
3. IOC, Gujarat	785.668	1163.674	1170.824	1188.050	7915.707	8460.457	8981.296	-0.61	-5.80	48.11
4. IOC, Haldia	136.022	598.043	495.328	670.696	4492.302	5061.281	4780.424	20.74	5.88	339.67
5. IOC, Mathura	756.162	776.137	623.905	840.794	5386.428	5897.588	5860.352	24.40	0.64	2.64
6. IOC, Digboi	41.971	59.064	47.432	57.728	335.593	446.133	355.839	24.52	25.37	40.73
7. IOC, Panipat	1309.250	1380.252	1367.689	1459.076	9947.475	10210.594	10383.168	0.92	-1.66	5.42
8. IOC, Bongaigaon	185.087	162.421	200.041	192.699	1386.089	1383.112	1485.685	-18.81	-6.90	-12.25
9. IOC, Paradip	1111.393	1113.859	516.278	976.271	6943.188	8293.545	3478.735	115.75	138.41	0.22
Total IOC	4904.283	5824.293	4991.619	5999.725	40271.343	43807.612	40030.529	16.68	9.44	18.76
10. BPCL, Mumbai	1122.932	1257.688	1188.539	971.164	8157.042	8699.168	9183.870	5.82	-5.28	12.00
11. BPCL, Kochi	1080.338	1109.228	969.469	1067.658	8207.519	8471.224	7101.745	14.42	19.28	2.67
Total BPCL	2203.270	2366.916	2158.008	2038.822	16364.561	17170.392	16285.615	9.68	5.43	7.43
12. HPCL, Mumbai	645.458	677.321	683.981	656.665	5249.689	5343.592	5170.035	-0.97	3.36	4.94
13. HPCL, Visakh	741.165	584.865	763.863	801.620	5790.015	5899.787	5496.429	-23.43	7.34	-21.09
Total HPCL	1386.622	1262.186	1447.844	1458.285	11039.704	11243.379	10666.464	-12.82	5.41	-8.97
14. CPCL, Manali	785.717	732.350	748.971	826.018	5679.725	6107.557	6504.212	-2.22	-6.10	-6.79
15. CPCL, CBR	41.295	34.221	38.504	43.355	335.867	315.638	361.370	-11.12	-12.66	-17.13
Total CPCL	827.013	766.571	787.475	869.373	6015.592	6423.195	6865.582	-2.65	-6.44	-7.31
16. NRL, Numaligarh	219.142	230.609	263.478	232.239	1781.699	1905.890	1684.596	-12.48	13.14	5.23
17. MRPL, Mangalore	1315.154	1259.103	1296.640	1416.018	9292.357	9414.497	9495.315	-2.89	-0.85	-4.26
18. ONGC, Tatipaka	5.090	6.640	6.968	6.681	39.190	50.023	54.014	-4.71	-7.39	30.45
B. Joint Venture	1344.650	1114.571	901.572	1530.441	8746.350	8636.943	10371.749	23.63	-16.73	-17.11
19. BORL, Bina	474.450	153.816	130.737	530.084	3516.650	4025.514	3651.225	17.65	10.25	-67.58
20. HMEL, GGSR, Bhatinda	870.200	960.755	770.835	1000.357	5229.700	4611.429	6720.524	24.64	-31.38	10.41
C. Private Sector	7477.825	8123.617	7501.864	8414.269	62211.356	64720.934	62645.409	8.29	3.31	8.64
21. RIL, Jamnagar	2468.859	2767.861	2468.859	2909.511	22025.386	22082.751	22025.386	12.11	0.26	12.11
22. RIL, SEZ	3355.633	3756.318	3355.633	3829.709	27145.304	29442.545	27145.304	11.94	8.46	11.94
Total RIL	5824.492	6524.179	5824.492	6739.220	49170.690	51525.296	49170.690	12.01	4.79	12.01
23. EOL, Vadinar	1653.333	1599.438	1677.372	1675.049	13040.667	13195.638	13474.719	-4.65	-2.07	-3.26
TOTAL(A+B+C)	19683.049	20954.506	19355.468	21965.853	155762.152	163372.865	158099.273	8.26	3.34	6.46
II. Fractionators										
ONGC	268.559	274.334	255.546	280.615	2166.828	2153.559	2021.567	7.35	6.53	2.15
OIL	3.100	3.176	3.206	3.446	19.500	21.303	22.724	-0.94	-6.25	2.45
GAIL	87.220	110.924	96.242	117.562	698.822	854.563	733.071	15.26	16.57	27.18
D. Total Fractionators	358.879	388.434	354.994	401.623	2885.150	3029.425	2777.362	9.42	9.08	8.24
Grand Total (A+B+C+D)	20041.928	21342.940	19710.462	22367.476	158647.302	166402.290	160876.635	8.28	3.43	6.49

Note: 1. Totals may not tally due to rounding off figures.

*: Provisional. **: Revised

2. Target for the year 2017-18 (Month-wise) reconciled.