

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

New Delhi
Dated the November, 2018

Monthly Production Report
October, 2018

1. Crude Oil

Crude oil production¹ during October, 2018 was 2885.20 TMT which is 8.07% lower than target and 5.03% lower when compared with October, 2017. Cumulative crude oil production during April-October, 2018 was 20294.59 TMT which is 4.65% lower than target for the period and 3.65% 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 October, 2018 and cumulatively for the period April-October, 2018 vis-à-vis same period of last year has been shown in Table-1 and month-wise in Figure-1.

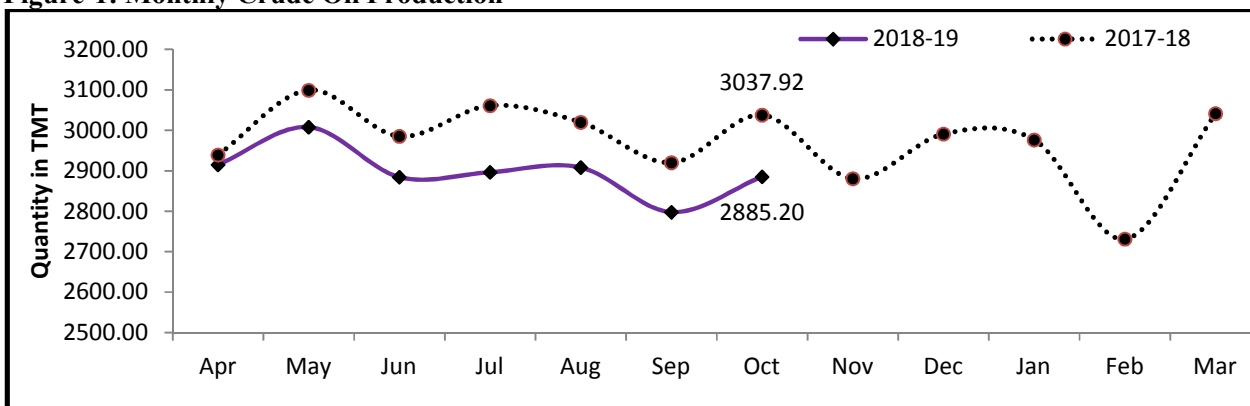
Table-1: Crude Oil Production (in TMT)

Oil Company	Target	October (Month)				April-October (Cumulative)			
	2018-19 (Apr-Mar)	2018-19		2017-18	% over last year	2018-19		2017-18	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
ONGC	23040.00	1952.39	1765.43	1889.35	93.44	13170.69	12441.53	13191.33	94.32
OIL	3738.00	322.29	283.02	286.90	98.65	2115.62	1968.70	1980.94	99.38
PSC Fields	10233.60	863.75	836.75	861.68	97.11	5997.03	5884.36	5890.81	99.89
Total	37011.60	3138.43	2885.20	3037.92	94.97	21283.34	20294.59	21063.08	96.35

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 October, 2018 was 1765.43 TMT which is 9.58% lower than the monthly target and 6.56% lower when compared with October, 2017. Cumulative crude oil production by ONGC during April-October, 2018 was 12441.53 TMT which is 5.54% lower than target for the period and lower by 5.68% than production during corresponding period of last year. Reason for shortfall are as under:

- ESP problem in wells of NBP field. Rig deployment commenced post monsoon for rectification works.
- Loss from WO-16 and B-127 fields in the absence of MOPUs Sagar Samrat and Sagar Laxmi.
- Sub-sea leakage in some well fluid lines of Mumbai High & Neelam Heera Asset, leading to flow restriction.

1.2 Crude oil production by **OIL** during October, 2018 was 283.02 TMT which is 12.19% lower than monthly target and 1.35% lower when compared with October, 2017. Cumulative crude oil production by OIL during April-October, 2018 was 1968.70 TMT which is 6.94% lower than target for the period and 0.62% lower than production during the corresponding period of last year. Major reason for lower production is less than planned contribution from work over wells and drilling wells.

1.3 Crude oil production by **Pvt/JVs** during October, 2018 was 836.75 TMT which is 3.13% lower than the monthly target and 2.89% lower than October, 2017. Cumulative crude oil production by Pvt/JVs during April-October, 2018 was 5884.36 TMT which is 1.88% lower than target for the period and marginally lower by 0.11% than the production during the corresponding period of last year. Reason for shortfall are as under:

- RJ-ON-90/1: Around 60 oil wells are closed due to various reasons like high water cut, require WOJ, etc. 32 wells are closed due to liquid handling constraint at MPT plant (CEIL).
- Panna-Mukta: Underperformance of wells post unplanned shutdown in July'18. (SHELL).

2. Natural Gas

Natural gas production during October, 2018 was 2797.67 MMSCM which is 7.05% lower than the target for the month and marginally lower by 0.38% when compared with October, 2017. Cumulative natural gas production during April-October, 2018 was 19051.95 MMSCM which is 7.64% lower than target for the period and 0.88% 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, 2018 and cumulatively for the period April-October, 2018 vis-à-vis same period of last year has been shown in Table-2 and month-wise in Figure-2.

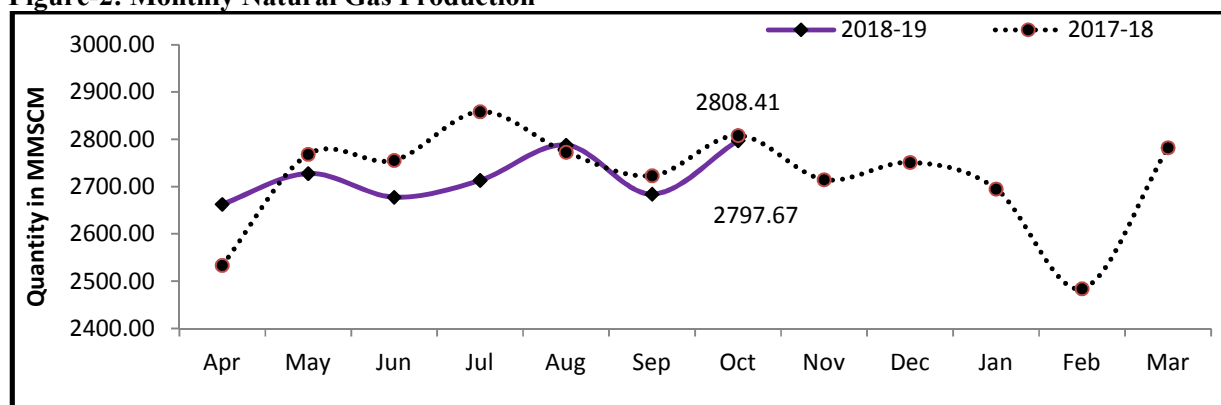
Table-2: Natural Gas Production (MMSCM)

Oil Company	Target	October (Month)				April-October (Cumulative)			
	2018-19 (Apr-Mar)	2018-19		2017-18	% over last year	2018-19		2017-18	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
ONGC	25981.00	2224.28	2110.39	2017.57	104.60	15008.09	14127.86	13692.80	103.18
OIL	3120.00	271.19	235.48	243.25	96.81	1861.09	1601.27	1724.51	92.85
PSC Fields	6498.11	514.30	451.79	547.60	82.50	3759.85	3322.83	3803.98	87.35
Total	35599.11	3009.77	2797.67	2808.41	99.62	20629.03	19051.95	19221.30	99.12

Note: Totals may not tally due to rounding off.

*: Provisional

Figure-2: Monthly Natural Gas Production



2.1 Natural gas production by **ONGC** during October, 2018 was 2110.39 MMSCM which is 5.12% lower than the monthly target but 4.60% higher when compared with October, 2017. Cumulative natural gas production by ONGC during April-October, 2018 was 14127.86 MMSCM which is 5.87% lower than the cumulative target but 3.18% higher than the production during the corresponding period of the last year. Some of the reasons for shortfall against monthly target are as under:

- Less than planned gas production from WO-16 and B-127 fields in the absence of MOPUs Sagar Samrat and Sagar Laxmi.
- Decline of pressure/potential in GS-4 gas cap reservoir in Gandhar.

2.2 Natural gas production by **OIL** during October, 2018 was 235.48 MMSCM which is 13.17% lower than the monthly target and 3.19% lower than October, 2017. Cumulative natural gas production by OIL during April-October, 2018 was 1601.27 MMSCM which is 13.96% lower than the cumulative target and 7.15% lower than the production during the corresponding period of last year. The reason for viz monthly target shortfall is due to loss of well head production potential of high producing wells of Deohal area, due to downhole tubing corrosion. Work over operations are in progress to revive the wells.

2.3 Natural gas production by **Pvt/JVs** during October, 2018 was 451.79 MMSCM which is 12.15% lower than the monthly target and 17.50% lower when compared with October,

2017. Cumulative natural gas production by Pvt/JVs during April-October, 2018 was 3322.83 MMSCM which is 11.62% lower than the cumulative target and 12.65% lower than the production during the corresponding period of last year. Reasons for shortfall in production are as under:

- KG-DWN-98/3: MA field ceased production from 18.09.2018. Closure of 3 wells in D1D3 field. Well A20 ceased to flow in D1D3 field from 23.10.2018. (RIL)
- RJ-ON/6: Less offtake by buyer. Low gas production due to stuck up in two wells. (FEL)
- Sohagpur West CBM Block: Underperformance of CBM wells. Production impacted due to the constraint imposed by IFFCO on CBM offtake from 22.09.2018 onwards (RIL).

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

Refinery production during October, 2018 was 21883.06 TMT which is 0.63% lower than the target for the month and 1.02% lower when compared with October, 2017. Cumulative production during April-October, 2018 was 150541.02 TMT which is 1.69% higher than the target for the period and 4.11% 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, 2018 and cumulatively for the period April-October, 2018 vis-à-vis same period of last year has been shown in Table-3 and month-wise in Figure-3.

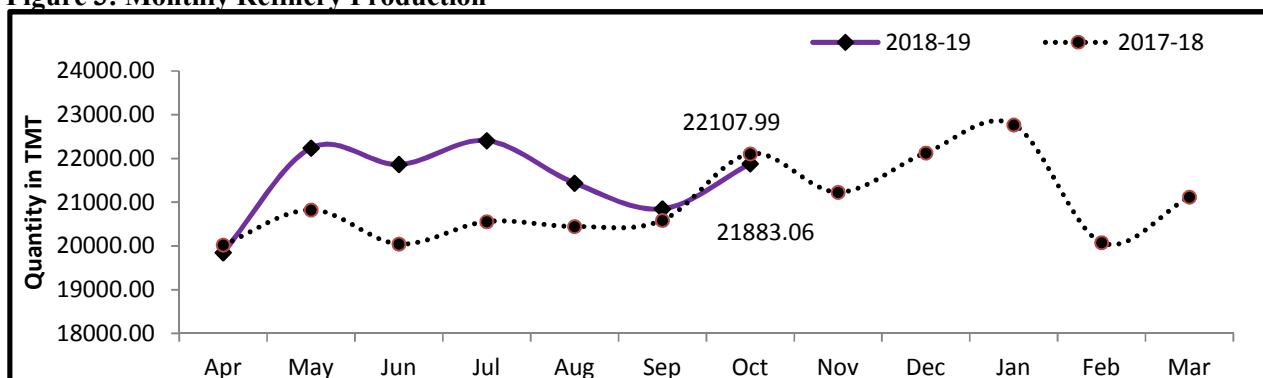
Table 3: Refinery Production (TMT)

Oil Company	Target	October (Month)				April-October (Cumulative)			
	2018-19 (Apr-Mar)	2018-19		2017-18	% over last year	2018-19		2017-18	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
CPSE	147759	13110.84	12938.81	12618.53	102.54	86317.93	87733.93	82788.27	105.97
IOCL	71150	6333.57	6427.75	6115.29	105.11	41646.91	41910.70	39732.28	105.48
BPCL	29000	2532.83	2569.18	2195.95	117.00	17370.30	17970.17	15421.57	116.53
HPCL	18000	1554.71	1528.35	1590.90	96.07	10428.73	10805.37	10719.29	100.80
CPCL	10500	967.50	674.10	964.21	69.91	6092.50	6200.55	6196.54	100.06
NRL	2850	242.05	255.57	241.37	105.88	1670.96	1682.15	1651.01	101.89
MRPL	16200	1475.00	1478.54	1503.67	98.33	9075.00	9130.64	9021.87	101.21
ONGC	59	5.18	5.32	7.13	74.57	33.52	34.35	45.71	75.14
JVs	17240	1383.00	1159.32	1611.29	71.95	9498.00	9878.30	8096.78	122.00
BORL	6400	460.00	81.56	585.26	13.94	3150.00	2596.69	4210.82	61.67
HMEL	10840	923.00	1077.77	1026.03	105.04	6348.00	7281.61	3885.96	187.38
Private	88896	7528.01	7784.93	7878.17	98.82	52224.30	52928.79	53719.77	98.53
RIL	70470	6174.34	6003.45	6174.34	97.23	41653.64	40601.20	41653.64	97.47
NEL	18426	1353.67	1781.48	1703.83	104.56	10570.67	12327.60	12066.14	102.17
TOTAL	253895	22021.85	21883.06	22107.99	98.98	148040.23	150541.02	144604.83	104.11

Note: Totals may not tally due to rounding off.

*: Provisional

Figure 3: Monthly Refinery Production



3.1 **CPSE Refineries’ production** during October, 2018 was 12938.81 TMT which is 1.31% lower than the target for the month but 2.54% higher when compared with October, 2017. Cumulative production by CPSE refineries during April-October, 2018 was 87733.93 TMT which is 1.64% higher than the target for the period and 5.97% higher than the production during corresponding period of last year. Reasons for shortfall of refinery production in some CPSE refineries are as under:

- IOCL, Guwahati: Throughput is lower due to planned M&I shutdown.
- IOCL, Gujarat: Throughput is lower due to lower NG crude receipt and AU-1 interruption.
- IOCL, Paradip: Throughput is lower due to high coke stock leading to lower DCU capacity utilization and lower crude throughput.
- HPCL, Mumbai: Throughput is lower due to fresh water supply constraint from source.
- CPCL, Manali: Throughput is lower than target due to M&I shutdown of CDU-2 / FCCU, which was originally scheduled during July / Aug'18.

3.2 **Production in JV refineries** during October, 2018 was 1159.32 TMT which is 16.17% lower than the target for the month but 28.05% lower when compared with October, 2017. Cumulative production by JVs refineries during April-October, 2018 was 9878.30 TMT which is 4.0% higher than the target for the period and 22.0% higher than the production during corresponding period of last year. Reason for shortfall in throughput is due to progressive commissioning of secondary processing units post refinery turnaround of BORL in Aug-Oct'2018.

3.3 **Production in private refineries** during October, 2018 was 7784.93 TMT which is higher by 3.41% than the target for the month but 1.18% lower when compared with October, 2017. Cumulative production by private refineries during April-October, 2018 was 52928.79 TMT which is 1.35% higher than the target for the period but lower by 1.47% compared to 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, 2018 and cumulatively for the period April-October, 2018 vis-à-vis April-October, 2017 are given at **Annexures - IV and V** respectively.

MINISTRY OF PETROLEUM & NATURAL GAS

Annexure-I

Crude Oil Production during the month of October, 2018 and cumulatively for the period April-Oct, 2018 vis-à-vis April-Oct, 2017

(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-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)	(6)	(7)	(8)	(9)	(10)	(11)
1. ONGC	1952.39	1765.43	1889.35	1711.26	13170.69	12441.53	13191.33	-6.56	-5.68	-9.58
Onshore	522.19	518.40	509.25	502.67	3571.24	3559.66	3526.32	1.80	0.95	-0.73
Andhra Pradesh	26.67	24.40	27.74	25.21	199.60	170.07	194.95	-12.03	-12.76	-8.48
Assam ^	90.08	88.66	80.42	83.72	598.41	585.17	572.93	10.25	2.14	-1.58
Gujarat	386.08	378.71	378.91	368.73	2645.52	2631.78	2603.40	-0.05	1.09	-1.91
Tamil Nadu	19.36	26.63	22.19	25.01	127.70	172.64	155.04	20.04	11.35	37.56
Offshore	1430.20	1247.03	1380.09	1208.59	9599.45	8881.87	9665.02	-9.64	-8.10	-12.81
Eastern Offshore	0.72	1.80	0.75	1.29	4.93	9.16	5.05	138.36	81.16	149.09
Western Offshore	1305.79	1119.58	1247.69	1088.71	8783.91	8002.93	8813.19	-10.27	-9.19	-14.26
Condensates	123.68	125.65	131.65	118.59	810.61	869.78	846.77	-4.56	2.72	1.59
2. OIL (Onshore)	322.29	283.02	286.90	274.28	2115.62	1968.70	1980.94	-1.35	-0.62	-12.19
Assam	321.32	282.05	286.15	273.51	2110.26	1963.09	1975.51	-1.43	-0.63	-12.22
Arunachal Pradesh	0.79	0.74	0.64	0.60	4.07	4.28	4.41	15.96	-2.97	-5.61
Rajasthan (heavy oil)	0.19	0.23	0.11	0.17	1.29	1.33	1.01	106.20	31.55	20.42
3. Private / JVC	863.75	836.75	861.68	812.30	5997.03	5884.36	5890.81	-2.89	-0.11	-3.13
Onshore	726.41	672.05	700.33	661.24	4976.58	4783.35	4757.55	-4.04	0.54	-7.48
Andhra Pradesh	5.27	1.32	0.00	1.23	20.63	7.65	0.00	169.69	0.00	-74.95
Arunachal Pradesh	3.74	2.71	3.68	2.66	25.87	20.67	25.99	-26.52	-20.46	-27.67
Assam	3.53	3.11	0.13	3.17	24.40	18.16	0.49	34.35	-	-11.94
Gujarat	19.86	11.54	11.96	11.03	114.79	80.87	79.15	-3.54	2.17	-41.89
Rajasthan	683.59	644.99	677.34	635.17	4718.95	4603.17	4602.34	-4.78	0.02	-5.65
Tamil Nadu	10.42	8.38	7.21	7.98	71.94	52.83	49.58	16.24	6.54	-19.58
Offshore	137.35	164.70	161.35	151.05	1020.45	1101.01	1133.26	2.08	-2.85	19.92
Eastern Offshore	46.60	55.94	70.07	46.45	366.85	377.92	501.43	-20.17	-24.63	20.04
Gujarat Offshore	46.28	60.28	32.81	57.27	331.49	410.29	222.67	83.75	84.26	30.26
Western Offshore	44.47	48.49	58.47	47.34	322.11	312.81	409.16	-17.08	-23.55	9.02
GRAND TOTAL (1+2+3)	3138.43	2885.20	3037.92	2797.83	21283.34	20294.59	21063.08	-5.03	-3.65	-8.07
Onshore	1570.88	1473.46	1496.48	1438.18	10663.44	10311.71	10264.80	-1.54	0.46	-6.20
Offshore	1567.55	1411.74	1541.44	1359.64	10619.90	9982.88	10798.28	-8.41	-7.55	-9.94

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 October, 2018 and cumulatively for the period April-October, 2018 vis-à-vis April-October, 2017

(Para 2)

(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)	(6)	(7)	(8)	(9)	(10)	(11)
1. ONGC	2224.28	2110.39	2017.57	2005.93	15008.09	14127.86	13692.80	4.60	3.18	-5.12
Onshore	496.07	486.48	485.61	456.39	3411.45	3266.98	3286.14	0.18	-0.58	-1.93
Andhra Pradesh	90.90	94.43	81.08	91.30	640.77	633.42	529.00	16.46	19.74	3.87
Assam	41.52	42.62	44.72	40.87	278.62	287.94	299.95	-4.69	-4.00	2.64
Gujarat	126.25	111.26	130.73	112.15	900.51	780.98	929.90	-14.89	-16.01	-11.87
Rajasthan	0.48	0.06	0.22	0.73	3.29	4.31	2.47	-71.96	74.37	-86.77
Tamil Nadu	97.13	98.71	102.42	96.87	679.44	696.89	694.27	-3.62	0.38	1.62
Tripura	139.78	139.40	126.44	114.48	908.82	863.43	830.56	10.25	3.96	-0.28
Offshore	1728.20	1623.91	1531.95	1549.54	11596.64	10860.87	10406.66	6.00	4.36	-6.03
Eastern Offshore	180.47	94.81	46.98	63.66	1159.29	488.76	339.86	101.80	43.81	-47.47
Western Offshore	1547.73	1529.10	1484.97	1485.87	10437.34	10372.11	10066.81	2.97	3.03	-1.20
2. OIL	271.19	235.48	243.25	228.37	1861.09	1601.27	1724.51	-3.19	-7.15	-13.17
Assam	251.85	215.09	222.50	209.98	1727.55	1467.65	1597.91	-3.33	-8.15	-14.60
Arunachal Pradesh	1.09	2.28	0.97	1.59	7.49	8.67	6.85	135.06	26.54	109.86
Rajasthan	18.26	18.12	19.78	16.80	126.05	124.94	119.76	-8.42	4.33	-0.79
3. Private / JVC	514.30	451.79	547.60	449.84	3759.85	3322.83	3803.98	-17.50	-12.65	-12.15
Onshore	156.69	146.15	119.40	141.83	1035.80	998.77	787.78	22.40	26.78	-6.73
Andhra Pradesh	2.12	0.56	0.00	0.49	8.57	3.14	0.00	0.00	0.00	-73.69
Arunachal Pradesh	0.84	0.70	3.89	0.70	5.79	10.30	16.62	-82.13	-38.05	-16.99
Assam	30.72	29.14	1.22	30.05	212.09	173.71	3.02	-	5647.22	-5.15
Gujarat	8.91	5.82	6.53	5.93	51.64	42.04	46.46	-10.80	-9.51	-34.69
Rajasthan	111.37	107.31	106.56	102.26	738.88	755.90	714.00	0.71	5.87	-3.64
Tamil Nadu	2.73	2.62	1.20	2.41	18.83	13.68	7.67	119.21	78.30	-3.84
CBM	132.68	57.47	68.03	54.22	915.91	410.30	401.44	-15.51	2.21	-56.68
Jharkhand (CBM)	0.36	0.24	0.36	0.23	2.46	1.63	2.45	-33.70	-33.33	-32.40
Madhya Pradesh (CBM)	79.26	28.47	20.36	27.66	547.18	206.81	75.04	39.83	175.60	-64.08
West Bengal (CBM)	53.06	28.77	47.30	26.33	366.27	201.86	323.95	-39.19	-37.69	-45.79
Offshore	224.93	248.17	360.17	253.79	1808.13	1913.76	2614.76	-31.10	-26.81	10.33
Eastern Offshore	69.64	98.92	187.72	114.48	794.83	965.83	1442.68	-47.31	-33.05	42.04
Gujarat Offshore	16.51	10.60	9.92	8.66	91.51	63.03	59.18	6.89	6.50	-35.77
Western Offshore	138.78	138.65	162.53	130.66	921.80	884.90	1112.91	-14.70	-20.49	-0.10
TOTAL (1+2+3)	3009.77	2797.67	2808.41	2684.14	20629.03	19051.95	19221.30	-0.38	-0.88	-7.05
CBM	132.68	57.47	68.03	54.22	915.91	410.30	401.44	-15.51	2.21	-56.68
Onshore	923.96	868.12	848.26	826.59	6308.34	5867.02	5798.43	2.34	1.18	-6.04
Offshore	1953.13	1872.08	1892.12	1803.33	13404.77	12774.64	13021.43	-1.06	-1.90	-4.15

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

Crude Oil Processed during the month of October, 2018 and cumulatively for the period April-October, 2018 vis-à-vis April-October, 2017

(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-October)			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	13110.84	12938.81	12618.53	12302.80	86317.93	87733.93	82788.27	2.54	5.97	-1.31
1. IOC, Guwahati	90.00	65.86	95.30	90.58	606.00	611.31	590.98	-30.89	3.44	-26.82
2. IOC, Barauni	527.00	587.46	518.85	474.58	3743.57	3776.12	3016.71	13.22	25.17	11.47
3. IOC, Gujarat	1271.00	1260.56	1232.89	1002.13	8034.99	7847.77	7574.55	2.24	3.61	-0.82
4. IOC, Haldia	660.00	705.31	689.96	676.08	4630.00	4738.81	4755.87	2.23	-0.36	6.87
5. IOC, Mathura	852.50	874.43	839.39	720.78	5472.10	5712.00	5116.35	4.17	11.64	2.57
6. IOC, Digboi	56.00	59.65	56.43	58.11	381.00	398.33	390.70	5.69	1.95	6.51
7. IOC, Panipat	1370.00	1383.11	1412.01	1332.48	9440.00	9566.87	8899.68	-2.05	7.50	0.96
8. IOC, Bongaigaon	186.85	207.23	198.51	200.90	1286.06	1407.86	1376.03	4.39	2.31	10.91
9. IOC, Paradip	1320.22	1284.15	1071.96	1150.60	8053.18	7851.62	8011.40	19.79	-1.99	-2.73
Total IOC	6333.57	6427.75	6115.29	5706.25	41646.91	41910.70	39732.28	5.11	5.48	1.49
10. BPCL, Mumbai	1136.16	1303.25	995.90	1149.82	7875.70	8506.75	7685.70	30.86	10.68	14.71
11. BPCL, Kochi	1396.67	1265.94	1200.06	1352.17	9494.60	9463.42	7735.86	5.49	22.33	-9.36
Total BPCL	2532.83	2569.18	2195.95	2502.00	17370.30	17970.17	15421.57	17.00	16.53	1.44
12. HPCL, Mumbai	729.57	677.23	731.32	741.85	4896.39	5051.67	4994.04	-7.40	1.15	-7.17
13. HPCL, Visakh	825.14	851.12	859.57	814.18	5532.34	5753.70	5725.25	-0.98	0.50	3.15
Total HPCL	1554.71	1528.35	1590.90	1556.03	10428.73	10805.37	10719.29	-3.93	0.80	-1.70
14. CPCL, Manali	930.00	629.78	921.07	924.01	5830.00	5978.04	5917.27	-31.63	1.03	-32.28
15. CPCL, CBR	37.50	44.32	43.14	36.80	262.50	222.52	279.27	2.73	-20.32	18.18
Total CPCL	967.50	674.10	964.21	960.81	6092.50	6200.55	6196.54	-30.09	0.06	-30.33
16. NRL, Numaligarh	242.05	255.57	241.37	240.55	1670.96	1682.15	1651.01	5.88	1.89	5.58
17. MRPL, Mangalore	1475.00	1478.54	1503.67	1332.22	9075.00	9130.64	9021.87	-1.67	1.21	0.24
18. ONGC, Tatipaka	5.18	5.32	7.13	4.95	33.52	34.35	45.71	-25.43	-24.86	2.67
B. Joint Venture	1383.00	1159.32	1611.29	1012.94	9498.00	9878.30	8096.78	-28.05	22.00	-16.17
19. BORL, Bina	460.00	81.56	585.26	0.00	3150.00	2596.69	4210.82	-86.06	-38.33	0.00
20. HMEI, GGSR, Bhatinda	923.00	1077.77	1026.03	1012.94	6348.00	7281.61	3885.96	5.04	87.38	16.77
C. Private Sector	7528.01	7784.93	7878.17	7535.74	52224.30	52928.79	53719.77	-1.18	-1.47	3.41
21. RIL, Jammagar	2891.65	2762.17	2891.65	2663.67	19315.09	19225.26	19315.09	-4.48	-0.47	-4.48
22. RIL, SEZ	3282.69	3241.28	3282.69	3137.66	22338.55	21375.94	22338.55	-1.26	-4.31	-1.26
Total RIL	6174.34	6003.45	6174.34	5801.34	41653.64	40601.20	41653.64	-2.77	-2.53	-2.77
23. NEL, Vadinar	1353.67	1781.48	1703.83	1734.40	10570.67	12327.60	12066.14	4.56	2.17	31.60
TOTAL(A+B+C)	22021.85	21883.06	22107.99	20851.48	148040.23	150541.02	144604.83	-1.02	4.11	-0.63

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

Reasons for shortfall are indicated in the note.

MINISTRY OF PETROLEUM & NATURAL GAS

Annexure-IV

Refinery-wise Capacity Utilisation during the month of October, 2018 and cumulatively for the period April-October, 2018 vis-à-vis April-October, 2017

(Para 3.4)

(Qty: '000' Tonnes)

Name of Undertaking/Unit	October, 2018			October, 2017			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	2018-19			2017-18		
							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	11677.00	12938.81	110.81	11424.00	12618.53	110.46	82904.00	87733.93	105.83	81113.00	82788.27	102.07
1. IOC, Guwahati	82.00	65.86	80.32	82.00	95.30	116.22	584.00	611.31	104.68	584.00	590.98	101.20
2. IOC, Barauni	493.00	587.46	119.16	493.00	518.85	105.24	3501.00	3776.12	107.86	3501.00	3016.71	86.17
3. IOC, Gujarat	1126.00	1260.56	111.95	1126.00	1232.89	109.49	7995.00	7847.77	98.16	7995.00	7574.55	94.74
4. IOC, Haldia	616.00	705.31	114.50	616.00	689.96	112.01	4377.00	4738.81	108.27	4377.00	4755.87	108.66
5. IOC, Mathura	658.00	874.43	132.89	658.00	839.39	127.57	4668.00	5712.00	122.37	4668.00	5116.35	109.60
6. IOC, Digboi	53.00	59.65	112.54	53.00	56.43	106.48	379.00	398.33	105.10	379.00	390.70	103.09
7. IOC, Panipat	1233.00	1383.11	112.17	1233.00	1412.01	114.52	8753.00	9566.87	109.30	8753.00	8899.68	101.68
8. IOC, Bongaigaon	193.00	207.23	107.37	193.00	198.51	102.85	1371.00	1407.86	102.69	1371.00	1376.03	100.37
9. IOC, Paradip	1233.00	1284.15	104.15	1233.00	1071.96	0.00	8753.00	7851.62	89.70	8753.00	8011.40	0.00
Total IOC	5688.00	6427.75	113.01	5688.00	6115.29	107.51	40382.00	41910.70	103.79	40382.00	39732.28	98.39
10. BPCL, Mumbai	986.00	1303.25	132.18	986.00	995.90	101.00	7003.00	8506.75	121.47	7003.00	7685.70	109.75
11. BPCL, Kochi	1274.00	1265.94	99.37	1019.00	1200.06	117.77	9045.00	9463.42	104.63	7236.00	7735.86	106.91
Total BPCL	2260.00	2569.18	113.68	2005.00	2195.95	109.52	16048.00	17970.17	111.98	14239.00	15421.57	108.31
12. HPCL, Mumbai	616.00	677.23	109.94	616.00	731.32	118.72	4377.00	5051.67	115.41	4377.00	4994.04	114.10
13. HPCL, Visakh	682.00	851.12	124.80	685.00	859.57	125.49	4844.00	5753.70	118.78	4861.00	5725.25	117.78
Total HPCL	1299.00	1528.35	117.66	1301.00	1590.90	122.28	9220.00	10805.37	117.19	9238.00	10719.29	116.03
14. CPCL, Manali	863.00	629.78	72.98	863.00	921.07	106.73	6127.00	5978.04	97.57	6127.00	5917.27	96.58
15. CPCL, CBR	82.00	44.32	54.05	82.00	43.14	52.61	584.00	222.52	38.10	584.00	279.27	47.82
Total CPCL	945.00	674.10	71.33	945.00	964.21	102.03	6711.00	6200.55	92.39	6711.00	6196.54	92.33
16. NRL, Numaligarh	247.00	255.57	103.47	247.00	241.37	255.57	1751.00	1682.15	96.07	1751.00	1651.01	94.29
17. MRPL, Mangalore	1233.00	1478.54	119.91	1233.00	1503.67	121.95	8753.00	9130.64	104.31	8753.00	9021.87	103.07
18. ONGC, Tatipaka	5.00	5.32	106.40	5.00	7.13	142.69	39.00	34.35	88.07	39.00	45.71	117.21
B. Joint Venture	1422.00	1159.32	81.53	1233.00	1611.29	130.68	10096.00	9878.30	97.84	8753.00	8096.78	92.50
19. BORL, Bina	493.00	81.56	16.54	493.00	585.26	118.71	3501.00	2596.69	74.17	3501.00	4210.82	120.27
20. HMEL, GGSR, Bhatinda	929.00	1077.77	116.01	740.00	1026.03	138.65	6594.00	7281.61	110.43	5252.00	3885.96	73.99
C. Private Sector	7249.00	7784.93	107.39	6575.00	7878.17	119.82	51470.00	52928.79	102.83	46685.00	53719.77	115.07
21. RIL, Jamnagar	2712.00	2762.17	101.85	2712.00	2891.65	106.62	19258.00	19225.26	99.83	19258.00	19315.09	100.30
22. RIL, SEZ	2893.00	3241.28	112.04	2219.00	3282.69	147.94	20541.00	21375.94	104.06	15756.00	22338.55	141.78
Total RIL	5605.00	6003.45	107.11	4932.00	6174.34	125.19	39799.00	40601.20	102.02	35014.00	41653.64	118.96
23. NEL, Vadinar	1644.00	1781.48	108.36	1644.00	1703.83	103.64	11671.00	12327.60	105.63	11671.00	12066.14	103.39
TOTAL(A+B+C)	20348.00	21883.06	107.54	19233.00	22107.99	114.95	144470.00	150541.02	104.20	136551.00	144604.83	105.90

Note: Crude throughput in terms of crude oil processed. *: Provisional. **: Revised

MINISTRY OF PETROLEUM & NATURAL GAS

Production of Petroleum Products during the month of October, 2018 and cumulatively for the period April-October, 2018 vis-à-vis April-October, 2017

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-October)			During the month under review	Upto the end of the period	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
I. Refinery										
A. Public Sector	12320.77	12382.89	12021.14	12382.89	80977.95	82817.30	78295.87	3.01	5.77	0.50
1. IOC, Guwahati	87.24	53.80	105.63	53.80	585.72	663.69	653.06	-49.06	1.63	-38.33
2. IOC, Barauni	495.26	549.66	508.79	549.66	3483.97	3530.53	2831.00	8.03	24.71	10.98
3. IOC, Gujarat	1183.56	1210.15	1188.05	1210.15	7439.44	7420.24	7293.98	1.86	1.73	2.25
4. IOC, Haldia	604.53	659.25	670.70	659.25	4274.15	4455.34	4463.24	-1.71	-0.18	9.05
5. IOC, Mathura	820.54	854.88	840.79	854.88	5265.69	5597.28	5121.45	1.67	9.29	4.18
6. IOC, Digboi	56.43	59.45	57.73	59.45	374.19	399.44	387.07	2.99	3.20	5.37
7. IOC, Panipat	1412.46	1439.01	1459.08	1439.01	9597.73	9699.15	8830.34	-1.38	9.84	1.88
8. IOC, Bongaigaon	168.75	190.74	192.70	190.74	1176.17	1289.02	1220.69	-1.01	5.60	13.03
9. IOC, Paradip	1193.45	1203.32	976.27	1203.32	7228.77	7091.79	7179.69	23.26	-1.22	0.83
Total IOC	6022.21	6220.26	5999.73	6220.26	39425.84	40146.47	37980.52	3.68	5.70	3.29
10. BPCL, Mumbai	1097.23	1264.20	971.16	1264.20	7574.53	8158.60	7441.48	30.17	9.64	15.22
11. BPCL, Kochi	1301.00	1252.46	1067.66	1252.46	8829.64	8842.93	7362.00	17.31	20.12	-3.73
Total BPCL	2398.23	2516.66	2038.82	2516.66	16404.17	17001.52	14803.48	23.44	14.85	4.94
12. HPCL, Mumbai	683.85	660.87	656.67	660.87	4593.78	4772.56	4666.27	0.64	2.28	-3.36
13. HPCL, Visakh	763.29	779.14	801.62	779.14	5115.99	5334.14	5314.92	-2.80	0.36	2.08
Total HPCL	1447.14	1440.01	1458.29	1440.01	9709.77	10106.69	9981.19	-1.25	1.26	-0.49
14. CPCL, Manali	841.99	559.29	826.02	559.29	5262.81	5378.16	5375.21	-32.29	0.05	-33.58
15. CPCL, CBR	37.95	44.34	43.36	44.34	265.65	223.94	281.42	2.27	-20.43	16.84
Total CPCL	879.94	603.63	869.37	603.63	5528.46	5602.10	5656.62	-30.57	-0.96	-31.40
16. NRL, Numaligarh	236.33	256.82	232.24	256.82	1631.45	1656.53	1675.28	10.59	-1.12	8.67
17. MRPL, Mangalore	1331.91	1340.41	1416.02	1340.41	8245.87	8271.26	8155.39	-5.34	1.42	0.64
18. ONGC, Tatipaka	5.01	5.09	6.68	5.09	32.39	32.75	43.38	-23.76	-24.52	1.75
B. Joint Venture	1283.56	1062.66	1530.44	1062.66	8866.50	9238.72	7522.37	-30.56	22.82	-17.21
19. BORL, Bina	407.56	21.17	530.08	21.17	2844.70	2332.68	3871.70	-96.01	-39.75	-94.81
20. HMEL, GGSR, Bhatinda	876.00	1041.50	1000.36	1041.50	6021.80	6906.04	3650.67	4.11	89.17	18.89
C. Private Sector	8037.89	8773.16	8414.27	8773.16	55138.78	58492.16	56597.32	4.27	3.35	9.15
21. RIL, Jamnagar	2909.51	3076.55	2909.51	3076.55	19314.89	20273.21	19314.89	5.74	4.96	5.74
22. RIL, SEZ	3829.71	4055.28	3829.71	4055.28	25686.23	26429.67	25686.23	5.89	2.89	5.89
Total RIL	6739.22	7131.84	6739.22	7131.84	45001.12	46702.89	45001.12	5.83	3.78	5.83
23. NEL, Vadinar	1298.67	1641.32	1675.05	1641.32	10137.67	11789.27	11596.20	-2.01	1.66	26.39
TOTAL(A+B+C)	21642.22	22218.71	21965.85	22218.71	144983.23	150548.17	142415.56	1.15	5.71	2.66
II. Fractionators				0.00						
ONGC	273.45	305.62	280.62	305.62	1871.02	2072.19	1879.23	8.91	10.27	11.76
GAIL	74.50	121.53	117.56	121.53	688.20	771.93	743.64	3.37	3.80	63.12
OIL	3.20	3.11	3.45	3.11	20.20	19.83	18.13	-9.81	9.41	-2.88
D. Total Fractionators	351.15	430.25	401.62	430.25	2579.42	2863.96	2640.99	7.13	8.44	22.53
Grand Total (A+B+C+D)	21993.37	22648.96	22367.48	22648.96	147562.65	153412.13	145056.55	1.26	5.76	2.98

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

*: Provisional.

**: Revised