

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

New Delhi
Dated the 22nd October , 2018

Monthly Production Report
September, 2018

1. Crude Oil

Crude oil production¹ during September, 2018 was 2797.84 TMT which is 6.59% lower than target and 4.19% lower when compared with September, 2017. Cumulative crude oil production during April-September, 2018 was 17409.44 TMT which is 4.05% lower than target for the period and 3.42% 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 September, 2018 and cumulatively for the period April-September, 2018 vis-à-vis same period of last year has been shown in Table-1 and month-wise in Figure-1.

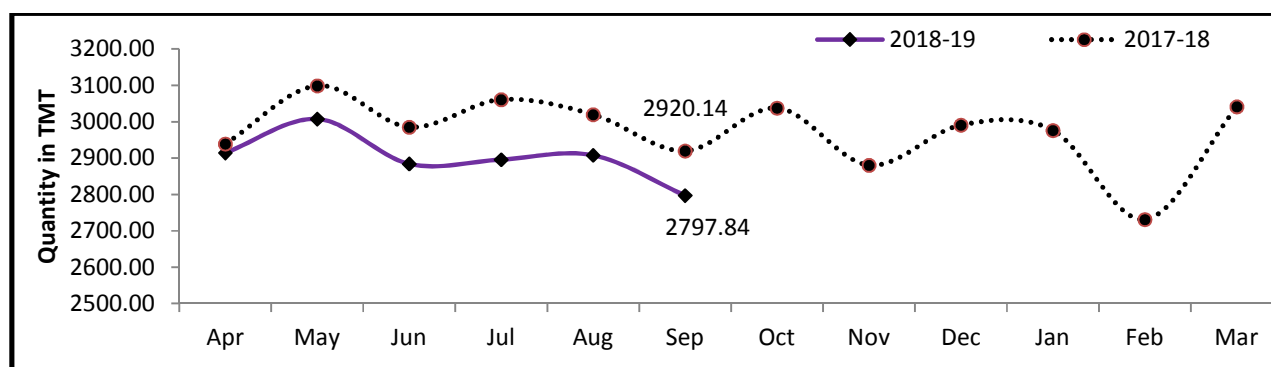
Table-1: Crude Oil Production (in TMT)

Oil Company	Target 2018-19 (Apr-Mar)	September (Month)				April-September (Cumulative)			
		2018-19		2017-18	% over last year	2018-19		2017-18	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
ONGC	23040.00	1854.24	1711.27	1844.25	92.79	11218.30	10676.15	11301.99	94.46
OIL	3738.00	305.74	274.28	276.79	99.09	1793.33	1685.69	1694.04	99.51
PSC Fields	10233.60	835.28	812.30	799.09	101.65	5133.28	5047.61	5029.13	100.37
Total	37011.60	2995.26	2797.84	2920.14	95.81	18144.91	17409.44	18025.16	96.58

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 September, 2018 was 1711.27 TMT which is 7.71% lower than the monthly target and 7.21% lower when compared with September, 2017. Cumulative crude oil production by ONGC during April-September, 2018 was 10676.15 TMT which is 4.83% lower than target for the period and lower by 5.54% than production during corresponding period of last year. Reason for shortfall are as under:
 - ESP problem in wells of NBP field.
 - Less than planned production 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, resulting in flow restrictions.
- 1.2 Crude oil production by **OIL** during September, 2018 was 274.28 TMT which is 10.29% lower than monthly target and 0.91% lower when compared with September, 2017. Cumulative crude oil production by OIL during April-September, 2018 was 1685.69 TMT which is 6.00% lower than target for the period and marginally lower by 0.49% 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 September, 2018 was 812.30 TMT which is 2.75% lower than the monthly target but 1.65% higher than September, 2017. Cumulative crude oil production by Pvt/JVs during April-September, 2018 was 5047.61 TMT which is 1.67 % lower than target for the period but marginally higher by 0.37% than the production during the corresponding period of last year. Major reason for lower production is closing of wells due to high water cut; require WOJ and liquid handling constraint at MPT plant.

2. Natural Gas

Natural gas production during September, 2018 was 2684.20 MMSCM which is 7.56% lower than the target for the month and 1.43% lower when compared with September, 2017. Cumulative natural gas production during April-September, 2018 was 16254.65 MMSCM which is 7.75% lower than target for the period but 0.96% 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 September, 2018 and cumulatively for the period April-September, 2018 vis-à-vis same period of last year has been shown in Table-2 and month-wise in Figure-2.

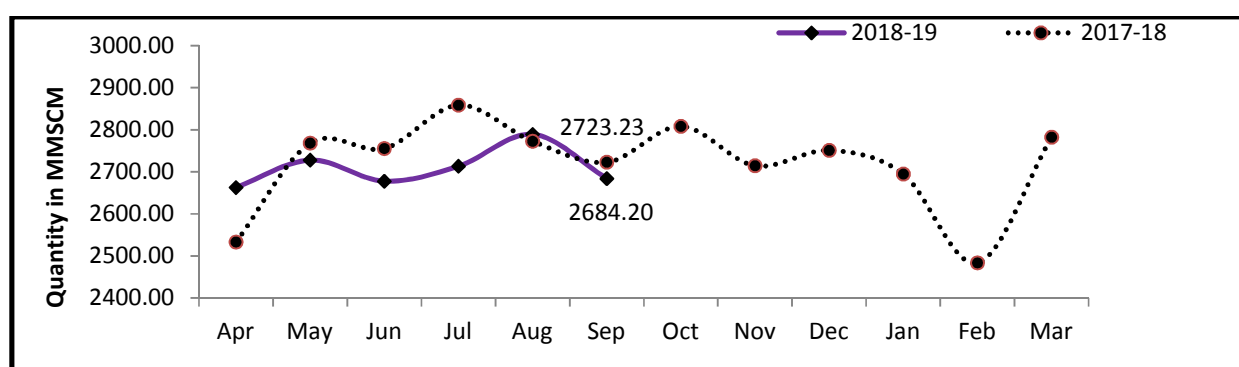
Table-2: Natural Gas Production (MMSCM)

Oil Company	Target	September (Month)			April-September (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	2124.05	2005.99	1937.62	103.53	12783.81	12017.82	11675.24	102.93
OIL	3120.00	262.44	228.37	246.05	92.82	1589.89	1365.78	1481.26	92.20
PSC Fields	6498.11	517.07	449.84	539.56	83.37	3245.55	2871.04	3256.38	88.17
Total	35599.11	2903.56	2684.20	2723.23	98.57	17619.26	16254.65	16412.89	99.04

Note: Totals may not tally due to rounding off.

*: Provisional

Figure-2: Monthly Natural Gas Production



2.1 Natural gas production by **ONGC** during September, 2018 was 2005.99 MMSCM which is 5.56% lower than the monthly target but 3.53% higher when compared with September, 2017. Cumulative natural gas production by ONGC during April-September, 2018 was 12017.82 MMSCM which is 5.99 % lower than the cumulative target but 2.93% higher than the production during the corresponding period of the last year. The reasons for shortfall are as under:

- Gas Production from Eastern Offshore restricted. The new 24” Pipeline being laid by M/s GAIL is expected to be completed by end Oct’2018.
- Less than planned gas production from WO-16 and B-127 fields in the absence of MOPUs Sagar Samrat and Sagar Laxmi.

2.2 Natural gas production by **OIL** during September, 2018 was 228.37 MMSCM which is 12.98% lower than the monthly target and 7.18% lower than September, 2017. Cumulative natural gas production by OIL during April-September, 2018 was 1365.78 MMSCM which is 14.10% lower than the cumulative target and 7.80% lower than the production during the corresponding period of last year. The reason for shortfall is due to lower gas production potential on account of loss of production from few high production wells in Deohal area.

2.3 Natural gas production by **Pvt/JVs** during September, 2018 was 449.84 MMSCM which is 13.00% lower than the monthly target and 16.63% lower when compared with September, 2017. Cumulative natural gas production by Pvt/JVs during April-September, 2018 was 2871.04 MMSCM which is 11.54% lower than the cumulative target and 11.83% lower than the production during the corresponding period of last year. Reasons for shortfall in production are as under:

- Panna-Mukta: Gas production lower due to wells underperformance and water loading post unplanned shutdown (SHELL).
- KG-DWN-98/3: Closure of 2 wells in D1D3 and MA field ceased production. Well B6 ceased to flow due to low reservoir pressure (RIL).
- Sohagpur West CBM Block: Underperformance of CBM wells (RIL).
- Raniganj East CBM Block: Some wells closed for refrac jobs. Major customer 'Matix' under operational shutdown (NEL/ESSAR).

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

Refinery production during September, 2018 was 20851.48 TMT which is 2.18% higher than the target for the month and 1.28% higher when compared with September, 2017. Cumulative production during April-September, 2018 was 128657.96 TMT which is 2.09% higher than the target for the period and 5.03% 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 September, 2018 and cumulatively for the period April-September, 2018 vis-à-vis same period of last year has been shown in Table-3 and month-wise in Figure-3.

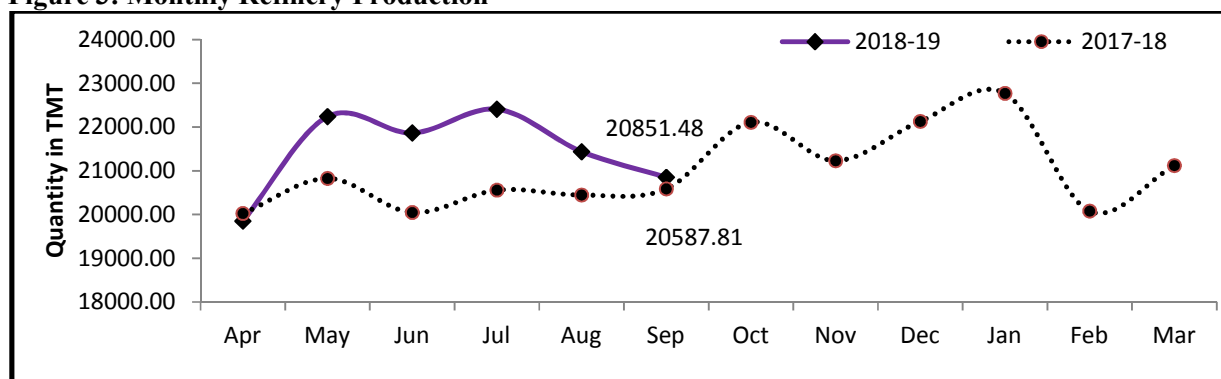
Table 3: Refinery Production (TMT)

Oil Company	Target	September (Month)				April-September (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	12127.35	12302.80	11290.67	108.96	73207.08	74795.12	70169.74	106.59
IOCL	71150	5814.11	5706.25	5425.27	105.18	35313.34	35482.95	33616.99	105.55
BPCL	29000	2471.92	2502.00	2359.25	106.05	14837.48	15400.99	13225.62	116.45
HPCL	18000	1364.56	1556.03	1471.41	105.75	8874.02	9277.01	9128.39	101.63
CPCL	10500	937.50	960.81	724.51	132.62	5125.00	5526.46	5232.33	105.62
NRL	2850	234.25	240.55	232.88	103.29	1428.90	1426.59	1409.64	101.20
MRPL	16200	1300.00	1332.22	1069.91	124.52	7600.00	7652.10	7518.20	101.78
ONGC	59	5.01	4.95	7.44	66.55	28.34	29.03	38.58	75.24
JVs	17240	884.00	1012.94	1620.80	62.50	8115.00	8718.97	6485.49	134.44
BORL	6400	0.00	0.00	620.73	0.00	2690.00	2515.13	3625.56	69.37
HMEL	10840	884.00	1012.94	1000.07	101.29	5425.00	6203.85	2859.93	216.92
Private	88896	7395.07	7535.74	7676.34	98.17	44696.29	45143.87	45841.60	98.48
RIL	70470	5990.07	5801.34	5990.07	96.85	35479.29	34597.75	35479.29	97.52
NEL	18426	1405.00	1734.40	1686.27	102.85	9217.00	10546.12	10362.31	101.77
TOTAL	253895	20406.41	20851.48	20587.81	101.28	126018.37	128657.96	122496.84	105.03

Note: Totals may not tally due to rounding off.

*: Provisional

Figure 3: Monthly Refinery Production



3.1 **CPSE Refineries' production** during September, 2018 was 12302.80 TMT which is 1.45% higher than the target for the month and 8.96% higher when compared with September, 2017. Cumulative production by CPSE refineries during April-September, 2018 was 74795.12 TMT which is 2.17% higher than the target for the period and 6.59% higher than the production during corresponding period of last year. Reasons for shortfall of refinery production in some CPSE refineries are as under:

- IOCL, Barauni: Throughput is lower due to Gas Oil ullage constraint due to HSD containment and DHDT interruption.
- IOCL, Gujarat: Throughput is lower due to low North Gujarat Crude.
- IOCL, Paradip: Throughput is lower due to CCRU interruption and HSD containment due to HSD tanker berthing delay.

3.2 **Production in JV refineries** during September, 2018 was 1012.94 TMT which is 14.59% higher than the target for the month but 37.50% lower when compared with September, 2017. Cumulative production by JVs refineries during April-September, 2018 was 8718.97 TMT which is 7.44% higher than the target for the period and 34.44% higher than the production during corresponding period of last year. Reason for shortfall in throughput is due to shutdown in BORL on account of its planned turnaround which commenced on 17.08.2018.

3.3 **Production in private refineries** during September, 2018 was 7535.74 TMT which is higher by 1.90% than the target for the month but 1.83% lower when compared with September, 2017. Cumulative production by private refineries during April-September, 2018 was 45143.87 TMT which is 1.00% higher than the target for the period but lower by 1.52% 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 September, 2018 and cumulatively for the period April-September, 2018 vis-à-vis April-September, 2017 are given at **Annexures - IV and V** respectively.

MINISTRY OF PETROLEUM & NATURAL GAS

Annexure-I

Crude Oil Production during the month of September, 2018 and cumulatively for the period April-Sept, 2018 vis-à-vis April-Sept, 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-September)			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	1854.24	1711.27	1844.25	1783.39	11218.30	10676.15	11301.99	-7.21	-5.54	-7.71
Onshore	500.63	502.67	494.96	517.70	3049.05	3041.27	3017.06	1.56	0.80	0.41
Andhra Pradesh	26.29	25.21	27.65	27.06	172.94	145.67	167.21	-8.83	-12.88	-4.11
Assam ^	85.63	83.72	80.05	84.96	508.33	496.51	492.51	4.58	0.81	-2.23
Gujarat	370.57	368.73	365.18	379.97	2259.44	2253.08	2224.49	0.97	1.29	-0.50
Tamil Nadu	18.13	25.01	22.08	25.71	108.35	146.01	132.86	13.27	9.90	37.92
Offshore	1353.61	1208.60	1349.30	1265.69	8169.25	7634.88	8284.92	-10.43	-7.85	-10.71
Eastern Offshore	0.72	1.29	0.60	1.58	4.21	7.36	4.30	114.29	71.14	79.45
Western Offshore	1235.13	1088.72	1223.01	1137.84	7478.12	6883.39	7565.51	-10.98	-9.02	-11.85
Condensates	117.76	118.59	125.69	126.27	686.92	744.13	715.12	-5.65	4.06	0.70
2. OIL (Onshore)	305.74	274.28	276.79	286.34	1793.33	1685.69	1694.04	-0.91	-0.49	-10.29
Assam	305.05	273.51	276.13	285.57	1788.94	1681.04	1689.36	-0.95	-0.49	-10.34
Arunachal Pradesh	0.52	0.60	0.62	0.62	3.29	3.54	3.77	-3.54	-6.17	16.31
Rajasthan (heavy oil)	0.18	0.17	0.05	0.15	1.10	1.11	0.90	250.00	22.55	-7.09
3. Private / JVC	835.28	812.30	799.09	838.40	5133.28	5047.61	5029.13	1.65	0.37	-2.75
Onshore	697.37	661.24	640.38	676.57	4250.18	4111.30	4057.22	3.26	1.33	-5.18
Andhra Pradesh	2.10	1.23	0.00	1.40	15.37	6.33	0.00	-	-	-41.37
Arunachal Pradesh	3.75	2.66	3.51	2.90	22.13	17.96	22.31	-24.08	-19.46	-28.90
Assam	3.42	3.17	0.32	3.02	20.86	15.05	0.36	-	-	-7.43
Gujarat	16.48	11.03	11.61	10.69	94.94	69.33	67.19	-4.98	3.19	-33.07
Rajasthan	661.53	635.17	617.90	650.38	4035.36	3958.18	3924.99	2.79	0.85	-3.98
Tamil Nadu	10.09	7.98	7.04	8.18	61.52	44.45	42.37	13.36	4.89	-20.92
Offshore	137.91	151.05	158.72	161.84	883.10	936.31	971.91	-4.83	-3.66	9.53
Eastern Offshore	48.33	46.45	68.85	52.30	320.25	321.98	431.37	-32.53	-25.36	-3.89
Gujarat Offshore	45.10	57.27	31.21	60.59	285.22	350.01	189.86	83.49	84.35	26.97
Western Offshore	44.47	47.34	58.66	48.95	277.64	264.32	350.69	-19.30	-24.63	6.44
GRAND TOTAL (1+2+3)	2995.26	2797.84	2920.14	2908.13	18144.91	17409.44	18025.16	-4.19	-3.42	-6.59
Onshore	1503.74	1438.18	1412.13	1480.61	9092.56	8838.26	8768.32	1.85	0.80	-4.36
Offshore	1491.52	1359.65	1508.01	1427.53	9052.35	8571.19	9256.84	-9.84	-7.41	-8.84

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

(Para 2)

(Qty: Million Cubic Meters)

Name of Undertaking/Unit/State	Planned production during the month*	Production during the			Cumulative Production (April-September)			% 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	2124.05	2005.99	1937.62	2060.68	12783.81	12017.82	11675.24	3.53	2.93	-5.56
Onshore	477.83	456.39	452.61	467.08	2915.38	2780.48	2800.53	0.84	-0.72	-4.49
Andhra Pradesh	87.47	91.30	77.88	92.00	549.87	539.00	447.92	17.22	20.33	4.37
Assam	39.74	40.87	42.83	41.83	237.10	245.30	255.23	-4.57	-3.89	2.83
Gujarat	122.01	112.15	127.27	113.05	774.26	669.71	799.17	-11.88	-16.20	-8.08
Rajasthan	0.46	0.73	0.62	0.76	2.81	4.25	2.25	16.56	88.99	57.35
Tamil Nadu	94.01	96.87	99.75	100.92	582.31	598.18	591.84	-2.89	1.07	3.04
Tripura	134.14	114.48	104.25	118.52	769.03	724.04	704.12	9.81	2.83	-14.65
Offshore	1646.22	1549.60	1485.01	1593.60	9868.43	9237.34	8874.71	4.35	4.09	-5.87
Eastern Offshore	174.87	63.66	44.59	87.60	978.82	393.95	292.87	42.78	34.51	-63.60
Western Offshore	1471.35	1485.94	1440.43	1505.99	8889.62	8843.39	8581.84	3.16	3.05	0.99
2. OIL	262.44	228.37	246.05	236.97	1589.89	1365.78	1481.26	-7.18	-7.80	-12.98
Assam	243.72	209.98	227.85	218.70	1475.70	1252.56	1375.41	-7.84	-8.93	-13.85
Arunachal Pradesh	1.05	1.59	0.93	1.05	6.41	6.39	5.88	71.18	8.67	51.62
Rajasthan	17.67	16.80	17.27	17.22	107.79	106.83	99.97	-2.72	6.85	-4.93
3. Private / JVC	517.07	449.84	539.56	490.47	3245.55	2871.04	3256.38	-16.63	-11.83	-13.00
Onshore	147.47	141.83	114.08	146.52	879.11	852.62	668.37	24.32	27.57	-3.82
Andhra Pradesh	0.84	0.49	0.00	0.53	6.45	2.58	0.00	-	-	-41.83
Assam	29.73	30.05	1.19	28.72	181.37	144.57	1.80	-	-	1.06
Arunachal Pradesh	0.81	0.70	6.10	1.63	4.95	9.60	12.73	-88.55	-24.56	-13.98
Gujarat	8.30	5.93	6.23	5.93	42.73	36.22	39.93	-4.93	-9.30	-28.62
Rajasthan	105.14	102.26	99.40	107.34	627.51	648.59	607.44	2.88	6.77	-2.74
Tamil Nadu	2.64	2.41	1.16	2.38	16.10	11.06	6.48	107.05	70.74	-8.78
CBM	128.40	54.22	63.58	57.17	783.23	352.82	333.41	-14.72	5.82	-57.77
Jharkhand (CBM)	0.35	0.23	0.34	0.25	2.10	1.39	2.09	-33.92	-33.27	-34.49
Madhya Pradesh (CBM)	76.71	27.66	17.42	29.68	467.92	178.34	54.68	58.75	226.16	-63.94
West Bengal (CBM)	51.35	26.33	45.81	27.24	313.21	173.09	276.65	-42.52	-37.43	-48.72
Offshore	241.20	253.79	361.90	286.77	1583.21	1665.60	2254.59	-29.87	-26.12	5.22
Eastern Offshore	94.45	114.48	187.86	145.18	725.19	866.92	1254.96	-39.06	-30.92	21.21
Gujarat Offshore	11.80	8.66	8.81	9.12	75.00	52.43	49.26	-1.71	6.42	-26.65
Western Offshore	134.96	130.66	165.24	132.48	783.02	746.26	950.37	-20.93	-21.48	-3.19
TOTAL (1+2+3)	2903.56	2684.20	2723.23	2788.12	17619.26	16254.65	16412.89	-1.43	-0.96	-7.56
CBM	128.40	54.22	63.58	57.17	783.23	352.82	333.41	-14.72	5.82	-57.77
Onshore	887.74	826.59	812.74	850.58	5384.38	4998.89	4950.17	1.70	0.98	-6.89
Offshore	1887.42	1803.39	1846.92	1880.37	11451.64	10902.94	11129.30	-2.36	-2.03	-4.45

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 September, 2018 and cumulatively for the period April-September, 2018 vis-à-vis April-September, 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-September)			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	12127.35	12302.80	11290.67	12456.45	73207.08	74795.12	70169.74	8.96	6.59	1.45
1. IOC, Guwahati	90.00	90.58	84.66	90.56	516.00	545.45	495.69	6.99	10.04	0.65
2. IOC, Barauni	547.63	474.58	433.82	524.10	3216.57	3188.66	2497.86	9.40	27.66	-13.34
3. IOC, Gujarat	1054.00	1002.13	1137.69	1004.80	6763.99	6587.21	6341.67	-11.92	3.87	-4.92
4. IOC, Haldia	645.00	676.08	665.75	646.08	3970.00	4033.50	4065.92	1.55	-0.80	4.82
5. IOC, Mathura	670.00	720.78	303.82	755.66	4619.60	4837.58	4276.96	137.24	13.11	7.58
6. IOC, Digboi	54.00	58.11	55.98	51.71	325.00	338.68	334.27	3.82	1.32	7.62
7. IOC, Panipat	1326.00	1332.48	1333.62	1383.25	8070.00	8183.77	7487.67	-0.08	9.30	0.49
8. IOC, Bongaigaon	180.82	200.90	193.22	212.53	1099.21	1200.63	1177.52	3.97	1.96	11.10
9. IOC, Paradip	1246.66	1150.60	1216.72	1330.21	6732.97	6567.47	6939.44	-5.43	-5.36	-7.70
Total IOC	5814.11	5706.25	5425.27	5998.90	35313.34	35482.95	33616.99	5.18	5.55	-1.86
10. BPCL, Mumbai	1087.97	1149.82	1163.64	1051.14	6739.54	7203.50	6689.81	-1.19	7.68	5.69
11. BPCL, Kochi	1383.95	1352.17	1195.61	1459.52	8097.93	8197.49	6535.81	13.10	25.42	-2.30
Total BPCL	2471.92	2502.00	2359.25	2510.66	14837.48	15400.99	13225.62	6.05	16.45	1.22
12. HPCL, Mumbai	566.04	741.85	649.99	762.20	4166.82	4374.44	4262.72	14.13	2.62	31.06
13. HPCL, Visakh	798.52	814.18	821.42	839.11	4707.20	4902.57	4865.68	-0.88	0.76	1.96
Total HPCL	1364.56	1556.03	1471.41	1601.31	8874.02	9277.01	9128.39	5.75	1.63	14.03
14. CPCL, Manali	900.00	924.01	691.12	954.19	4900.00	5348.26	4996.20	33.70	7.05	2.67
15. CPCL, CBR	37.50	36.80	33.38	0.00	225.00	178.20	236.13	10.24	-24.53	-1.86
Total CPCL	937.50	960.81	724.51	954.19	5125.00	5526.46	5232.33	32.62	5.62	2.49
16. NRL, Numaligarh	234.25	240.55	232.88	271.49	1428.90	1426.59	1409.64	3.29	1.20	2.69
17. MRPL, Mangalore	1300.00	1332.22	1069.91	1115.38	7600.00	7652.10	7518.20	24.52	1.78	2.48
18. ONGC, Tatipaka	5.01	4.95	7.44	4.52	28.34	29.03	38.58	-33.45	-24.76	-1.17
B. Joint Venture	884.00	1012.94	1620.80	1188.27	8115.00	8718.97	6485.49	-37.50	34.44	14.59
19. BORL, Bina	0.00	0.00	620.73	153.96	2690.00	2515.13	3625.56	-100.00	-30.63	0.00
20. HMEI, GGSR, Bhatinda	884.00	1012.94	1000.07	1034.31	5425.00	6203.85	2859.93	1.29	116.92	14.59
C. Private Sector	7395.07	7535.74	7676.34	7793.13	44696.29	45143.87	45841.60	-1.83	-1.52	1.90
21. RIL, Jamnagar	2796.95	2663.67	2796.95	2792.86	16423.44	16463.09	16423.44	-4.77	0.24	-4.77
22. RIL, SEZ	3193.12	3137.66	3193.12	3219.13	19055.86	18134.66	19055.86	-1.74	-4.83	-1.74
Total RIL	5990.07	5801.34	5990.07	6011.99	35479.29	34597.75	35479.29	-3.15	-2.48	-3.15
23. NEL, Vadinar	1405.00	1734.40	1686.27	1781.15	9217.00	10546.12	10362.31	2.85	1.77	23.44
TOTAL(A+B+C)	20406.41	20851.48	20587.81	21437.85	126018.37	128657.96	122496.84	1.28	5.03	2.18

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 September, 2018 and cumulatively for the period April-September, 2018 vis-à-vis April-September, 2017 (Para 3.4)

(Qty: '000' Tonnes)

Name of Undertaking/Unit	September, 2018			September, 2017			Cumulative (April - September)					
	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	12302.80	105.36	11424.00	11290.67	98.83	71228.00	74795.12	105.01	69688.00	70169.74	100.69
1. IOC, Guwahati	82.00	90.58	110.47	82.00	84.66	103.25	501.00	545.45	108.87	501.00	495.69	98.94
2. IOC, Barauni	493.00	474.58	96.26	493.00	433.82	88.00	3008.00	3188.66	106.01	3008.00	2497.86	83.04
3. IOC, Gujarat	1126.00	1002.13	89.00	1126.00	1137.69	101.04	6869.00	6587.21	95.90	6869.00	6341.67	92.32
4. IOC, Haldia	616.00	676.08	109.75	616.00	665.75	108.08	3760.00	4033.50	107.27	3760.00	4065.92	108.14
5. IOC, Mathura	658.00	720.78	109.54	658.00	303.82	46.17	4011.00	4837.58	120.61	4011.00	4276.96	106.63
6. IOC, Digboi	53.00	58.11	109.65	53.00	55.98	105.62	326.00	338.68	103.89	326.00	334.27	102.54
7. IOC, Panipat	1233.00	1332.48	108.07	1233.00	1333.62	108.16	7521.00	8183.77	108.81	7521.00	7487.67	99.56
8. IOC, Bongaigaon	193.00	200.90	104.09	193.00	193.22	100.11	1178.00	1200.63	101.92	1178.00	1177.52	99.96
9. IOC, Paradip	1233.00	1150.60	93.32	1233.00	1216.72	0.00	7521.00	6567.47	87.32	7521.00	6939.44	0.00
Total IOC	5688.00	5706.25	100.32	5688.00	5425.27	95.38	34695.00	35482.95	102.27	34695.00	33616.99	96.89
10. BPCL, Mumbai	986.00	1149.82	116.62	986.00	1163.64	118.02	6016.00	7203.50	119.74	6016.00	6689.81	111.20
11. BPCL, Kochi	1274.00	1352.17	106.14	1019.00	1195.61	117.33	7771.00	8197.49	105.49	6217.00	6535.81	105.13
Total BPCL	2260.00	2502.00	110.71	2005.00	2359.25	117.67	13788.00	15400.99	111.70	12233.00	13225.62	108.11
12. HPCL, Mumbai	616.00	741.85	120.43	616.00	649.99	105.52	3760.00	4374.44	116.34	3760.00	4262.72	113.37
13. HPCL, Visakh	682.00	814.18	119.38	685.00	821.42	119.92	4161.00	4902.57	117.82	4176.00	4865.68	116.52
Total HPCL	1299.00	1556.03	119.79	1301.00	1471.41	113.10	7922.00	9277.01	117.10	7937.00	9128.39	115.01
14. CPCL, Manali	863.00	924.01	107.07	863.00	691.12	80.08	5264.00	5348.26	101.60	5264.00	4996.20	94.91
15. CPCL, CBR	82.00	36.80	44.88	82.00	33.38	40.71	501.00	178.20	35.57	501.00	236.13	47.13
Total CPCL	945.00	960.81	101.67	945.00	724.51	76.67	5766.00	5526.46	95.85	5766.00	5232.33	90.74
16. NRL, Numaligarh	247.00	240.55	97.39	247.00	232.88	240.55	1504.00	1426.59	94.85	1504.00	1409.64	93.73
17. MRPL, Mangalore	1233.00	1332.22	108.05	1233.00	1069.91	86.77	7521.00	7652.10	101.74	7521.00	7518.20	99.96
18. ONGC, Tatipaka	5.00	4.95	99.04	5.00	7.44	148.82	33.00	29.03	87.96	33.00	38.58	116.90
B. Joint Venture	1422.00	1012.94	71.23	1233.00	1620.80	131.45	8674.00	8718.97	100.52	7521.00	6485.49	86.23
19. BORL, Bina	493.00	0.00	0.00	493.00	620.73	125.91	3008.00	2515.13	83.61	3008.00	3625.56	120.53
20. HMEL, GGSR, Bhatinda	929.00	1012.94	109.04	740.00	1000.07	135.14	5665.00	6203.85	109.51	4512.00	2859.93	63.39
C. Private Sector	7249.00	7535.74	103.96	6575.00	7676.34	116.75	44221.00	45143.87	102.09	40110.00	45841.60	114.29
21. RIL, Jamnagar	2712.00	2663.67	98.22	2712.00	2796.95	103.13	16545.00	16463.09	99.50	16545.00	16423.44	99.27
22. RIL, SEZ	2893.00	3137.66	108.46	2219.00	3193.12	143.90	17648.00	18134.66	102.76	13537.00	19055.86	140.77
Total RIL	5605.00	5801.34	103.50	4932.00	5990.07	121.45	34193.00	34597.75	101.18	30082.00	35479.29	117.94
23. NEL, Vadinar	1644.00	1734.40	105.50	1644.00	1686.27	102.57	10027.00	10546.12	105.18	10027.00	10362.31	103.34
TOTAL(A+B+C)	20348.00	20851.48	102.47	19233.00	20587.81	107.04	124122.00	128657.96	103.65	117319.00	122496.84	104.41

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

MINISTRY OF PETROLEUM & NATURAL GAS

Annexure-V

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

(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-September)			During the month under review	Upto the end of the period	
(1)	(2)	(3)	(4)	(5)	Planned production during current year*	Actual production during current year*	Actual production during corresponding period of last year**			(9)
I. Refinery										
A. Public Sector	11395.15	11479.41	10735.71	11782.02	68657.17	70434.38	66274.73	6.93	6.28	0.74
1. IOC, Guwahati	89.40	104.40	89.82	103.30	498.48	609.89	547.44	16.24	11.41	16.78
2. IOC, Barauni	491.74	440.77	427.76	457.17	2988.71	2980.87	2322.21	3.04	28.36	-10.37
3. IOC, Gujarat	1015.37	953.74	1096.66	946.41	6255.88	6210.09	6105.93	-13.03	1.71	-6.07
4. IOC, Haldia	604.40	628.86	634.60	599.76	3669.62	3796.09	3792.54	-0.90	0.09	4.05
5. IOC, Mathura	645.00	708.14	308.84	757.30	4445.15	4742.40	4280.66	129.29	10.79	9.79
6. IOC, Digboi	54.48	59.10	58.04	50.61	317.77	339.99	329.34	1.82	3.23	8.47
7. IOC, Panipat	1330.23	1321.15	1390.90	1397.73	8185.27	8260.14	7371.27	-5.01	12.06	-0.68
8. IOC, Bongaigaon	165.85	179.33	182.85	196.09	1007.42	1098.28	1027.99	-1.92	6.84	8.13
9. IOC, Paradip	1134.90	1046.59	1069.97	1209.34	6035.32	5888.47	6203.42	-2.19	-5.08	-7.78
Total IOC	5531.37	5442.08	5259.44	5717.70	33403.63	33926.21	31980.80	3.47	6.08	-1.61
10. BPCL, Mumbai	1042.85	1086.48	1115.24	995.37	6477.30	6894.39	6470.32	-2.58	6.55	4.18
11. BPCL, Kochi	1292.29	1233.01	1131.78	1364.99	7528.64	7590.46	6294.34	8.94	20.59	-4.59
Total BPCL	2335.14	2319.49	2247.01	2360.37	14005.94	14484.86	12764.65	3.23	13.48	-0.67
12. HPCL, Mumbai	528.50	685.33	622.82	736.35	3909.94	4111.68	4009.61	10.04	2.55	29.67
13. HPCL, Visakh	738.39	730.32	749.04	791.93	4352.70	4555.00	4513.30	-2.50	0.92	-1.09
Total HPCL	1266.90	1415.65	1371.86	1528.28	8262.63	8666.68	8522.91	3.19	1.69	11.74
14. CPCL, Manali	814.79	837.46	646.56	871.78	4420.81	4818.88	4549.19	29.53	5.93	2.78
15. CPCL, CBR	37.95	37.10	33.65	0.82	227.70	179.59	238.06	10.25	-24.56	-2.25
Total CPCL	852.74	874.56	680.21	872.60	4648.51	4998.47	4787.25	28.57	4.41	2.56
16. NRL, Numaligarh	228.71	235.72	239.93	272.49	1395.12	1399.71	1443.04	-1.76	-3.00	3.07
17. MRPL, Mangalore	1175.46	1187.27	930.27	1026.36	6913.96	6930.84	6739.38	27.63	2.84	1.01
18. ONGC, Tatipaka	4.84	4.64	6.99	4.24	27.38	27.62	36.70	-33.62	-24.76	-4.09
B. Joint Venture	839.00	966.12	1480.02	1156.59	7582.94	8176.05	5991.93	-34.72	36.45	15.15
19. BORL, Bina	0.00	-1.13	569.51	161.23	2437.14	2311.52	3341.61	-	-30.83	-
20. HMEL, GGSR, Bhatinda	839.00	967.26	910.51	995.36	5145.80	5864.54	2650.32	6.23	121.28	15.29
C. Private Sector	7914.01	8438.61	8179.10	8258.66	47100.90	49719.00	48183.05	3.17	3.19	6.63
21. RIL, Jamnagar	2876.29	2812.24	2876.29	2851.44	16405.38	17196.66	16405.38	-2.23	4.82	-2.23
22. RIL, SEZ	3692.06	3987.39	3692.06	3698.62	21856.52	22374.39	21856.52	8.00	2.37	8.00
Total RIL	6568.34	6799.63	6568.34	6550.06	38261.90	39571.05	38261.90	3.52	3.42	3.52
23. NEL, Vadinar	1345.67	1638.98	1610.76	1708.60	8839.00	10147.95	9921.15	1.75	2.29	21.80
TOTAL(A+B+C)	20148.16	20884.15	20394.83	21197.27	123341.01	128329.43	120449.71	2.40	6.54	3.65
II. Fractionators										
ONGC	266.36	304.84	267.77	309.46	1597.57	1766.58	1598.61	13.84	10.51	14.45
GAIL	106.40	113.75	111.05	120.03	613.70	650.40	626.08	2.44	3.89	6.91
OIL	3.10	2.75	2.97	2.95	17.00	16.73	14.68	-7.48	13.92	-11.42
D. Total Fractionators	375.86	421.34	381.79	432.43	2228.27	2433.71	2239.37	10.36	8.68	12.10
Grand Total (A+B+C+D)	20524.02	21305.49	20776.62	21629.70	125569.28	130763.14	122689.07	2.55	6.58	3.81

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

*: Provisional. **: Revised