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

New Delhi
Dated the 22nd March, 2019

Monthly Production Report
February, 2019

---

1. Crude Oil

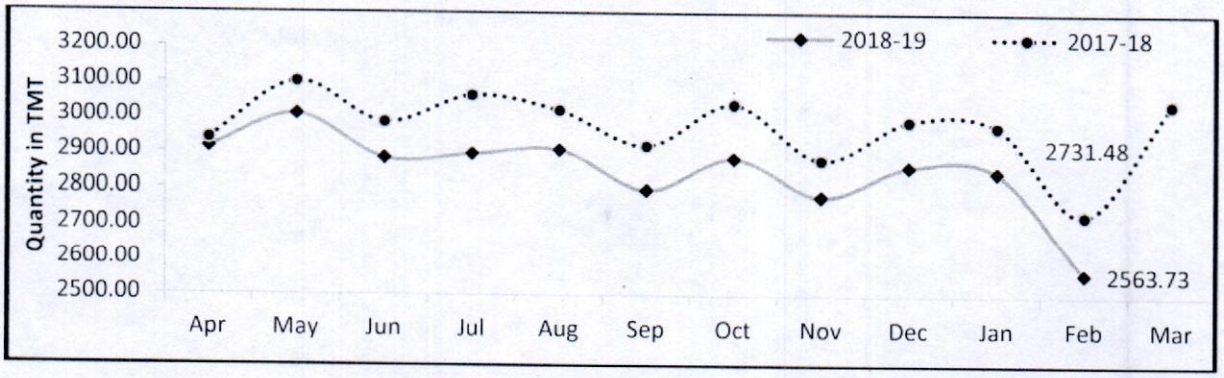
Crude oil production[1] during February, 2019 was 2563.73 TMT which is 13.36% lower than target and 6.14% lower when compared with February, 2018. Cumulative crude oil production during April-February, 2018-19 was 31348.98 TMT which is 7.06% and 3.96% lower than the cumulative target and production respectively during the 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 February, 2019 and cumulatively for the period April-February, 2018-19 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	February (Month)				April-February (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	1862.60	1598.79	1684.47	94.91	20973.54	19273.94	20369.95	94.62
OIL	3738.00	304.33	243.68	260.49	93.55	3397.06	3015.06	3094.75	97.43
PSC Fields	10233.60	792.04	721.25	786.53	91.70	9360.68	9059.98	9177.98	98.71
Total	**37011.60**	**2958.98**	**2563.73**	**2731.48**	**93.86**	**33731.28**	**31348.98**	**32642.69**	**96.04**

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

Figure-1: Monthly Crude Oil Production



[1]Including condensate

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

1.1 Crude oil production by **ONGC** during February, 2019 was 1598.79 TMT which is 14.16% lower than the monthly target and 5.09% lower when compared with February, 2018. Cumulative crude oil production by ONGC during April-February, 2018-19 was 19273.94 TMT which is 8.10% and 5.38% lower than the cumulative target and production respectively during the corresponding period of last year. Reasons for shortfall are as under:

- Electric submersible pump (ESP) problem in some wells of NBP field.
- Loss from WO-16 fields in the absence of MOPUs Sagar Samrat.
- Sub-sea leakage in some well fluid lines of Mumbai High & Neelam Heera Asset, leading to flow restriction.
- Less than envisaged production due to reduced EOR effect in Santhal and Balol fields in Mehsana. Air injection rates under optimization.

1.2 Crude oil production by **OIL** during February, 2019 was 243.68 TMT which is 19.93% lower than monthly target and 6.45% lower when compared with February, 2018. Cumulative crude oil production by OIL during April-February, 2018-19 was 3015.06 TMT which is 11.24% and 2.57% lower than the cumulative target and production respectively during the corresponding period of last year. Reasons for shortfall are as under:

- Loss from bandh and miscreant activities in operational areas.
- Less than planned contribution from work over well and drilling wells.

1.3 Crude oil production by **Pvt/JVs** in PSC regime during February, 2019 was 721.25 TMT which is 8.94% lower than the monthly target and 8.30% lower than February, 2018. Cumulative crude oil production by Pvt/JVs during April-February, 2018-19 was 9059.98 TMT which is 3.21% and 1.29% lower than the cumulative target and production respectively during the corresponding period of last year. Major reasons in for lower production are;

- Loss from Mangala due to delay in upgrade of Mangala Processing Terminal (MPT) and delay in drilling, completion and hooking up online 45 infill wells (CEIL).
- Lower yield from NE development drilling campaign due to geological uncertainties (CEIL).
- Closure of around 98 oil wells due to various reasons like liquid handling constraint at MPT plant, pump failure, surface facility limitation, etc (CEIL).

2. Natural Gas

Natural gas production during February, 2019 was 2565.75 MMSCM which is 3.29% higher when compared with February, 2018 although 8.71% lower than the target for the month. Cumulative natural gas production during April-February, 2018-19 was 30057.41 MMSCM which is marginally higher by 0.64% when compared with the production during corresponding period of last year, however is lower by 7.53% than target for the period. Unit-wise and state-

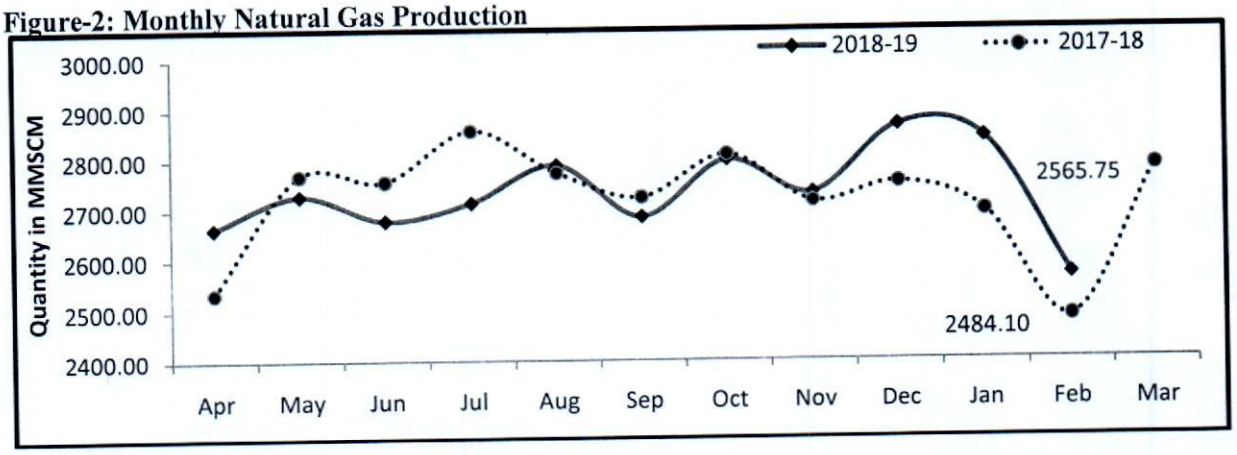
wise natural gas production is given at **Annexure-II**. Unit-wise natural gas production for the month of February, 2019 and cumulatively for the period April-February, 2018-19 vis-à-vis same period of last year has been shown in Table-2 and month-wise in Figure-2.

Table-2: Natural Gas Production (MMSCM)

Oil Company	Target	February (Month)				April-February (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	2045.01	1953.74	1800.02	108.54	23744.50	22539.76	21415.86	105.25
OIL	3120.00	223.65	203.70	209.33	97.31	2859.44	2486.78	2644.77	94.03
PSC Fields	6498.11	541.89	408.31	474.75	86.00	5901.20	5030.87	5806.06	86.65
Total	**35599.11**	**2810.55**	**2565.75**	**2484.10**	**103.29**	**32505.13**	**30057.41**	**29866.69**	**100.64**

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

Figure-2: Monthly Natural Gas Production



2.1 Natural gas production by **ONGC** during February, 2019 was 1953.74 MMSCM which is 8.54% higher when compared with February, 2018 although 4.46% lower than the target for the month. Cumulative natural gas production by ONGC during April-February, 2018-19 was 22539.76 MMSCM which is 5.07% lower than the cumulative target but 5.25% higher than the production during the corresponding period of the last year. Some of the reasons for lower production viz monthly target is decline in pressure/potential in GS-4 Gas cap reservoir in Gandhar field.

2.2 Natural gas production by **OIL** during February, 2019 was 203.70 MMSCM which is 8.92% lower than the monthly target and 2.69% lower than February, 2018. Cumulative natural gas production by OIL during April-February, 2018-19 was 2486.78 MMSCM which is 13.03% and 5.97% lower than the cumulative target and production respectively during the corresponding period of last year. Reasons for shortfall are as under:

- Loss of potential in Deohal area due to presence of CO_2 in production stream.
- Loss from bandh and miscreant activities in operational areas.

2.3 Natural gas production by **Pvt/JVs** during February, 2019 was 408.31 MMSCM which is 24.65% lower than the monthly target and 14% lower when compared with February, 2018. Cumulative natural gas production by Pvt/JVs during April-February, 2018-19 was 5030.87 MMSCM which is 14.75% lower than the cumulative target and 13.25% lower than the production during the corresponding period of last year. Reasons for shortfall in production are as under:

- Sohagpur West CBM Block: Increase in number of wells requiring workover due to sanding, scaling and resultant pump replacement requirement etc. 36 development wells which are still under dewatering phase and gas breakout is yet to be seen. (RIL)
- Loss from Mangala due to delay in upgrade of Mangala Processing Terminal (MPT) and delay in drilling, completion and hooking up online 45 infill wells and lower inputs from NE development drilling campaign (CEIL).

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

Refinery production during February, 2019 was 20083.43 TMT which is marginally higher (0.01%) when compared with February, 2018, but 1.54% lower than the target for the month. Cumulative production during April-February, 2018-19 was 234709.43 TMT which is 0.69% and 1.69% higher than the cumulative target and production respectively during the corresponding period of last year. Unit-wise production is given at **Annexure-III**. Company-wise production for the month of February, 2019 and cumulatively for the period April-February, 2018-19 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

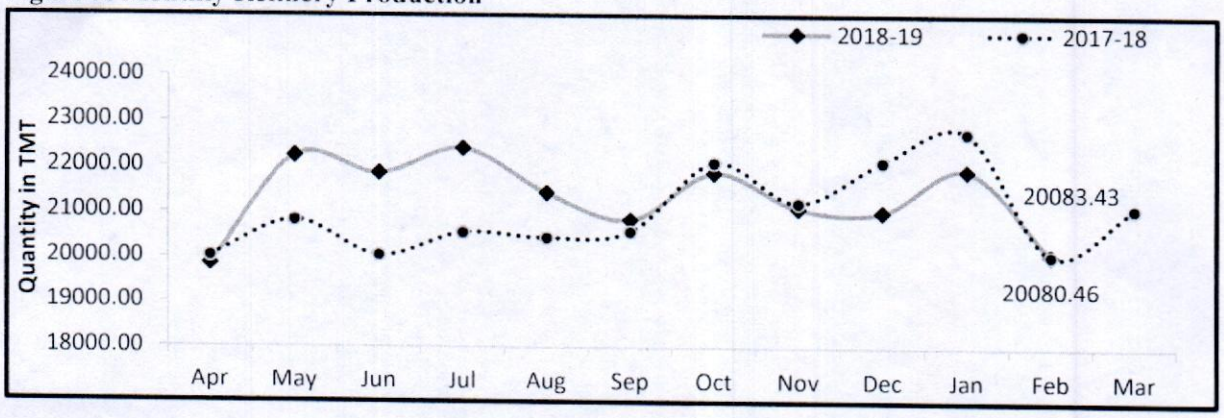


Table 3: Refinery Production (TMT)

Oil Company	Target	February (Month)				April-February (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**	**11676.11**	**11939.71**	**11486.58**	**103.94**	**135538.49**	**138221.71**	**132706.92**	104.16
IOCL	71150	5692.44	5519.81	5346.49	103.24	65508.07	66156.17	63404.35	104.34
BPCL	29000	2270.95	2521.97	2365.58	106.61	26521.76	28030.39	25484.47	109.99
HPCL	18000	1404.17	1466.01	1468.16	99.85	16446.89	16816.77	16685.58	100.79
CPCL	10500	760.00	881.38	860.67	102.41	9650.00	9690.82	9807.04	98.82
NRL	2850	218.63	215.15	206.25	104.31	2607.95	2654.29	2592.09	102.40
MRPL	16200	1325.00	1328.34	1233.22	107.71	14750.00	14815.04	14660.32	101.06
ONGC	59	4.92	7.06	6.22	113.46	53.82	58.23	73.08	79.67
JVs	**17240**	**1453.00**	**1642.33**	**1446.24**	**113.56**	**15657.00**	**16391.13**	**14004.05**	**117.05**
BORL	6400	620.00	635.53	500.73	126.92	5740.00	5013.11	6138.74	81.66
HMEL	10840	833.00	1006.81	945.51	106.48	9917.00	11378.02	7865.31	144.66
Private	**88896**	**7269.32**	**6501.38**	**7147.63**	**90.96**	**81905.52**	**80096.59**	**84103.11**	**95.24**
RIL	70470	5553.32	4921.74	5553.32	88.63	65195.52	62991.09	65195.52	96.62
NEL	18426	1716.00	1579.65	1594.31	99.08	16710.00	17105.50	18907.59	90.47
TOTAL	**253895**	**20398.43**	**20083.43**	**20080.46**	**100.01**	**233101.01**	**234709.43**	**230814.08**	**101.69**

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

3.1 **CPSE Refineries' production** during February, 2019 was 11939.71 TMT which is 2.26% higher than the monthly target and 3.94% higher when compared with February, 2018. Cumulative production by CPSE refineries during April-February, 2018-19 was 138221.71 TMT which is 1.98% and 4.16% higher than the cumulative target and production respectively during the corresponding period of last year. Reasons for shortfall of refinery production in some CPSE refineries are as under:

- IOCL-Guwahati: Lower due to Crude Distillation Unit (CDU) idling for 3days due to extended Delayed Coker Unit shutdown.
- IOCL-Gujarat: Lower due to Intermediate Stock (ISD) depletion for Vacuum Gas Oil – Teater (VGO-T) shutdown
- NRL Numaligarh: Lower due to less Crude receipt.

3.2 **Production in JV refineries** during February, 2019 was 1642.33 TMT which is 13.03% higher than the target for the month and 13.56% higher when compared with February, 2018. Cumulative production by JVs refineries during April-February, 2018-19 was 16391.13 TMT which is 4.69% and 17.05% higher than the cumulative target and production respectively during the corresponding period of last year.

3.3 **Production in private refineries** during February, 2019 was 6501.38 TMT which is lower by 10.56% than the target for the month and 9.04% lower when compared with February, 2018. Cumulative production by private refineries during April-February, 2018-19 was 80096.59 TMT which is 2.21% and 4.76% lower than the cumulative target and production respectively during the corresponding period of last year.

3.4 Refinery-wise details of the capacity utilization and production of petroleum products during the month of February, 2019 and cumulatively for the period April-February, 2018-19 vis-à-vis April-February, 2017-18 are given at **Annexures - IV and V** respectively.

****

MINISTRY OF PETROLEUM & NATURAL GAS **Annexure-I (Para 1)**

Crude Oil Production during the month of February, 2019 and cumulatively for the period April-February, 2018-19 vis-à-vis April-February, 2017-18

(Qty: '000' Tonnes)

Name of Undertaking/Unit/State	Planned production during the month*	Production during the			Cumulative Production (April-February)			% 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	**1862.60**	**1598.79**	**1684.47**	**1766.98**	**20973.54**	**19273.94**	**20369.95**	**-5.09**	**-5.38**	**-14.16**
Onshore	**475.64**	**466.81**	**461.54**	**510.91**	**5603.71**	**5545.32**	**5492.86**	**1.14**	**0.96**	**-1.85**
Andhra Pradesh	21.52	21.05	22.27	23.82	294.86	262.29	294.81	-5.46	-11.03	-2.17
Assam ^	86.03	74.80	75.34	84.25	959.72	912.20	891.87	-0.72	2.28	-13.06
Gujarat	350.89	345.41	343.62	375.27	4147.42	4096.07	4067.26	0.52	0.71	-1.56
Tamil Nadu	17.20	25.55	20.32	27.56	201.71	274.77	238.92	25.74	15.00	48.56
Offshore	**1386.97**	**1131.98**	**1222.92**	**1256.07**	**15369.83**	**13728.61**	**14877.09**	**-7.44**	**-7.72**	**-18.38**
Eastern Offshore	0.58	1.83	0.61	2.06	7.53	16.41	7.56	198.21	116.88	214.98
Western Offshore	1271.90	1016.75	1106.18	1127.22	14060.96	12347.49	13555.77	-8.08	-8.91	-20.06
Condensates	114.49	113.40	116.13	126.79	1301.33	1364.72	1313.76	-2.35	3.88	-0.96
2. OIL (Onshore)	**304.33**	**243.68**	**260.49**	**254.79**	**3397.06**	**3015.06**	**3094.75**	**-6.45**	**-2.57**	**-19.93**
Assam	303.11	242.80	259.85	253.80	3387.21	3005.40	3086.50	-6.56	-2.63	-19.90
Arunachal Pradesh	1.05	0.65	0.53	0.68	7.84	7.12	6.77	21.35	5.15	-38.40
Rajsthan (heavy oil)	0.17	0.24	0.11	0.30	2.01	2.54	1.48	123.81	72.36	39.25
3. Private / JVC	**792.04**	**721.25**	**786.53**	**825.90**	**9360.68**	**9059.98**	**9177.98**	**-8.30**	**-1.29**	**-8.94**
Onshore	**678.33**	**577.45**	**639.17**	**662.81**	**7840.96**	**7315.94**	**7441.08**	**-9.66**	**-1.68**	**-14.87**
Andhra Pradesh	8.10	0.83	0.00	0.76	54.41	10.47	0.00	419.77	-	-89.82
Arunachal Pradesh	3.54	2.52	3.03	2.72	40.79	31.22	39.61	-17.02	-21.18	-29.01
Assam	3.19	3.31	0.53	3.25	38.08	30.83	2.20	23.50	-	3.70
Gujarat	36.65	9.90	10.94	10.76	230.30	122.64	126.66	-9.47	-3.18	-72.97
Rajasthan	617.43	553.82	618.36	637.10	7365.09	7036.77	7195.98	-10.44	-2.21	-10.30
Tamil Nadu	9.41	7.07	6.31	8.21	112.29	84.00	76.63	12.06	9.63	-24.87
Offshore	**113.71**	**143.80**	**147.35**	**163.09**	**1519.72**	**1744.05**	**1736.91**	**-2.41**	**0.41**	**26.46**
Eastern Offshore	38.85	45.61	58.67	48.89	538.59	584.71	754.80	-22.25	-22.53	17.42
Gujarat Offshore	39.77	59.23	36.37	69.19	503.49	672.88	352.93	62.87	90.66	48.92
Western Offshore	35.09	38.96	52.32	45.01	477.64	486.45	629.18	-25.53	-22.69	11.04
GRAND TOTAL (1+2+3)	**2958.98**	**2563.73**	**2731.48**	**2847.66**	**33731.28**	**31348.98**	**32642.69**	**-6.14**	**-3.96**	**-13.36**
Onshore	1458.30	1287.94	1361.20	1428.50	16841.73	15876.32	16028.69	-5.38	-0.95	-11.68
Offshore	1500.68	1275.78	1370.28	1419.16	16889.55	15472.66	16614.00	-6.90	-6.87	-14.99

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 (Para 2)**

Natural Gas Production during the month of February, 2019 and cumulatively for the period April-February, 2018-19 vis-à-vis April-February, 2017-18

(Qty: Million Cubic Meters)

Name of Undertaking/Unit/State	Planned production during the month*	Production during the			Cumulative Production (April-February)			% 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	**2045.01**	**1953.74**	**1800.02**	**2169.76**	**23744.50**	**22539.76**	**21415.86**	**8.54**	**5.25**	**-4.46**
Onshore	**447.18**	**439.36**	**437.29**	**480.06**	**5330.20**	**5147.11**	**5147.87**	**0.47**	**-0.01**	**-1.75**
Andhra Pradesh	77.01	81.32	82.70	91.49	976.96	989.19	856.52	-1.67	15.49	5.59
Assam	39.98	36.82	38.88	39.71	446.12	442.93	465.14	-5.29	-4.77	-7.91
Gujarat	113.79	102.52	108.99	111.79	1383.34	1218.64	1415.92	-5.93	-13.93	-9.91
Rajasthan	0.43	0.00	0.70	0.00	5.13	4.31	4.84	-	-11.01	-
Tamil Nadu	87.18	91.07	92.54	100.07	1056.40	1083.12	1089.81	-1.59	-0.61	4.46
Tripura	128.79	127.64	113.49	136.99	1462.26	1408.93	1315.64	12.47	7.09	-0.89
Offshore	**1597.83**	**1514.38**	**1362.74**	**1689.71**	**18414.30**	**17392.64**	**16268.00**	**11.13**	**6.91**	**-5.22**
Eastern Offshore	162.20	105.47	36.60	121.75	1855.75	932.34	504.53	188.20	84.79	-34.98
Western Offshore	1435.63	1408.91	1326.14	1567.96	16558.54	16460.31	15763.47	6.24	4.42	-1.86
2. OIL	**223.65**	**203.70**	**209.33**	**222.29**	**2859.44**	**2486.78**	**2644.77**	**-2.69**	**-5.97**	**-8.92**
Assam	206.17	183.14	192.60	200.05	2651.01	2269.21	2441.23	-4.91	-7.05	-11.17
Arunachal Pradesh	0.98	0.68	0.88	0.62	11.69	11.17	10.59	-22.89	5.48	-30.92
Rajasthan	16.50	19.88	15.85	21.62	196.74	206.40	192.95	25.45	6.97	20.50
3. Private / JVC	**541.89**	**408.31**	**474.75**	**449.40**	**5901.20**	**5030.87**	**5806.06**	**-14.00**	**-13.35**	**-24.65**
Onshore	**226.52**	**136.72**	**120.37**	**144.84**	**1823.11**	**1535.83**	**1249.83**	**13.58**	**22.88**	**-39.64**
Andhra Pradesh	4.47	0.35	0.00	0.31	23.73	4.27	0.00	0.00	0.00	-92.28
Arunachal Pradesh	27.75	1.37	1.96	1.17	95.80	14.92	23.51	-30.19	-36.53	-95.06
Assam	0.76	30.60	8.06	30.18	244.26	290.31	32.15	-	-	-
Gujarat	8.75	5.08	5.32	5.79	87.46	64.50	69.51	**-4.51**	-7.21	-41.96
Rajasthan	182.33	97.26	103.93	105.04	1342.48	1138.82	1112.31	-6.43	2.38	-46.66
Tamil Nadu	2.46	2.07	1.10	2.36	29.39	23.01	12.35	87.84	86.26	-15.99
CBM	**119.84**	**55.74**	**62.58**	**62.15**	**1429.51**	**652.36**	**664.38**	**-10.94**	**-1.81**	**-53.49**
Jharkhand (CBM)	0.32	0.42	0.22	0.45	3.84	3.13	3.74	92.59	-16.34	29.19
Madhya Pradesh (CBM)	71.59	26.99	26.07	30.92	854.02	327.20	167.31	3.51	95.57	-62.30
West Bengal (CBM)	47.92	28.34	36.30	30.78	571.65	322.04	493.33	-21.93	-34.72	-40.87
Offshore	**195.53**	**215.85**	**291.80**	**242.41**	**2648.58**	**2842.67**	**3891.85**	**-26.03**	**-26.96**	**10.39**
Eastern Offshore	58.36	87.36	145.33	95.69	1051.43	1332.06	2110.64	-39.89	-36.89	49.68
Gujarat Offshore	14.27	11.37	5.72	12.95	153.56	110.14	90.12	98.86	22.21	-20.35
Western Offshore	122.89	117.13	140.75	133.77	1443.59	1400.48	1691.08	-16.78	-17.18	-4.69
TOTAL (1+2+3)	**2810.55**	**2565.75**	**2484.10**	**2841.45**	**32505.13**	**30057.41**	**29866.69**	**3.29**	**0.64**	**-8.71**
CBM	119.84	55.74	62.58	62.15	1429.51	652.36	664.38	-10.94	-1.81	-53.49
Onshore	897.35	779.78	766.99	847.19	10012.75	9169.73	9042.47	1.67	1.41	-13.10
Offshore	1793.36	1730.23	1654.53	1932.11	21062.87	20235.32	20159.84	4.58	0.37	-3.52

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 (Para 3)**

Crude Oil Processed during the month of February, 2019 and cumulatively for the period April-February, 2018-19 vis-à-vis April-February, 2017-18

(Qty: '000' Tonnes)

Name of Undertaking/Unit	Planned production during the month*	Production during the			Cumulative Production (April-February)			% 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)*
A. Public Sector	**11676.11**	**11939.71**	**11486.58**	**13144.64**	**135538.49**	**138221.71**	**132706.92**	**3.94**	**4.16**	**2.26**
1. IOC, Guwahati	84.00	74.88	74.91	0.00	960.00	781.98	934.21	-0.04	-16.30	-10.86
2. IOC, Barauni	511.13	545.60	451.73	586.38	5934.11	6065.45	5217.87	20.78	16.24	6.74
3. IOC, Gujarat	1106.00	1074.67	1160.66	1182.87	12328.99	12523.93	12555.75	-7.41	-0.25	-2.83
4. IOC, Haldia	650.00	638.83	651.30	617.38	7340.00	7255.55	6958.16	-1.92	4.27	-1.72
5. IOC, Mathura	728.00	772.38	741.62	722.63	8494.00	8869.97	8372.10	4.15	5.95	6.10
6. IOC, Digboi	47.00	49.03	48.14	56.47	594.00	614.00	603.05	1.85	1.82	4.33
7. IOC, Panipat	1234.00	889.97	1250.35	1384.22	14740.00	14569.84	14236.33	-28.82	2.34	-27.88
8. IOC, Bongaigaon	168.77	214.33	210.28	240.64	2013.15	2287.27	2183.03	1.93	4.78	27.00
9. IOC, Paradip	1163.55	1260.13	757.51	1381.17	13103.82	13188.19	12343.87	66.35	6.84	8.30
Total IOC	**5692.44**	**5519.81**	**5346.49**	**6171.76**	**65508.07**	**66156.17**	**63404.35**	**3.24**	**4.34**	**-3.03**
10. BPCL, Mumbai	1050.63	1180.29	1196.52	1236.25	12420.14	13401.59	12786.09	-1.36	4.81	12.34
11. BPCL, Kochi	1220.32	1341.68	1169.06	1517.21	14101.62	14628.80	12698.38	14.77	15.20	9.94
Total BPCL	**2270.95**	**2521.97**	**2365.58**	**2753.47**	**26521.76**	**28030.39**	**25484.47**	**6.61**	**9.99**	**11.05**
12. HPCL, Mumbai	658.97	696.84	685.75	674.33	7720.54	7900.34	7900.97	1.62	-0.01	5.75
13. HPCL, Visakh	745.20	769.17	782.41	834.31	8726.35	8916.43	8784.62	-1.69	1.50	3.22
Total HPCL	**1404.17**	**1466.01**	**1468.16**	**1508.65**	**16446.89**	**16816.77**	**16685.58**	**-0.15**	**0.79**	**4.40**
14. CPCL, Manali	760.00	872.33	825.69	958.19	9350.00	9329.31	9355.92	5.65	-0.28	14.78
15. CPCL, CBR	0.00	9.05	34.98	45.77	300.00	361.52	451.11	-74.12	-19.86	-
Total CPCL	**760.00**	**881.38**	**860.67**	**1003.96**	**9650.00**	**9690.82**	**9807.04**	**2.41**	**-1.18**	**15.97**
16. NRL, Numaligarh	218.63	215.15	206.25	240.00	2607.95	2654.29	2592.09	4.31	2.40	-1.59
17. MRPL, Mangalore	1325.00	1328.34	1233.22	1459.31	14750.00	14815.04	14660.32	7.71	1.06	0.25
18. ONGC, Tatipaka	4.92	7.06	6.22	7.499	53.82	58.23	73.08	13.46	-20.33	43.40
B. Joint Venture	**1453.00**	**1642.33**	**1446.24**	**1679.39**	**15657.00**	**16391.13**	**14004.05**	**13.56**	**17.05**	**13.03**
19. BORL, Bina	620.00	635.53	500.73	717.78	5740.00	5013.11	6138.74	26.92	-18.34	0.00
20. HMEL, GGSR, Bhatinda	833.00	1006.81	945.51	961.61	9917.00	11378.02	7865.31	6.48	44.66	20.86
C. Private Sector	**7269.32**	**6501.38**	**7147.63**	**7120.83**	**81905.52**	**80096.59**	**84103.11**	**-9.04**	**-4.76**	**-10.56**
21. RIL, Jamnagar	2653.92	1974.95	2653.92	2211.45	30304.93	28902.43	30304.93	-25.58	-4.63	-25.58
22. RIL, SEZ	2899.41	2946.79	2899.41	3203.32	34890.59	34088.66	34890.59	1.63	-2.30	1.63
Total RIL	**5553.32**	**4921.74**	**5553.32**	**5414.77**	**65195.52**	**62991.09**	**65195.52**	**-11.37**	**-3.38**	**-11.37**
23. NEL, Vadinar	1716.00	1579.65	1594.31	1706.06	16710.00	17105.50	18907.59	-0.92	-9.53	-7.95
TOTAL(A+B+C)	**20398.43**	**20083.43**	**20080.46**	**21944.86**	**233101.01**	**234709.43**	**230814.08**	**0.01**	**1.69**	**-1.54**

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 (Para 3.4)

Refinery-wise Capacity Utilisation during the month of February, 2019 and cumulatively for the period April-February, 2018-19 vis-à-vis April-February, 2017-18

(Qty: '000' Tonnes)

Name of Undertaking/Unit	February, 2019			February, 2018			Cumulative (April - February)					
							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	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	**10898.00**	**11939.71**	**109.56**	**10663.00**	**11486.58**	**107.72**	**130000.00**	**138221.71**	**106.32**	**127191.00**	**132706.92**	**104.34**
1. IOC, Guwahati	77.00	74.88	97.25	77.00	74.91	97.28	915.00	781.98	85.46	915.00	934.21	102.10
2. IOC, Barauni	460.00	545.60	118.61	460.00	451.73	98.20	5490.00	6065.45	110.48	5490.00	5217.87	95.04
3. IOC, Gujarat	1051.00	1074.67	102.25	1051.00	1160.66	110.43	12536.00	12523.93	99.90	12536.00	12555.75	100.16
4. IOC, Haldia	575.00	638.83	111.10	575.00	651.30	113.27	6863.00	7255.55	105.72	6863.00	6958.16	101.39
5. IOC, Mathura	614.00	772.38	125.79	614.00	741.62	120.78	7321.00	8869.97	121.16	7321.00	8372.10	114.36
6. IOC, Digboi	50.00	49.03	98.07	50.00	48.14	96.28	595.00	614.00	103.19	595.00	603.05	101.35
7. IOC, Panipat	1151.00	889.97	77.32	1151.00	1250.35	108.63	13726.00	14569.84	106.15	13726.00	14236.33	103.72
8. IOC, Bongaigaon	180.00	214.33	119.07	180.00	210.28	116.82	2150.00	2287.27	106.38	2150.00	2183.03	101.54
9. IOC, Paradip	1151.00	1260.13	109.48	1151.00	757.51	65.81	13726.00	13188.19	96.08	13726.00	12343.87	89.93
Total IOC	**5308.00**	**5519.81**	**103.99**	**5308.00**	**5346.49**	**100.73**	**63323.00**	**66156.17**	**104.47**	**63323.00**	**63404.35**	**100.13**
10. BPCL, Mumbai	921.00	1180.29	128.15	921.00	1196.52	129.91	10981.00	13401.59	122.04	10981.00	12786.09	116.44
11. BPCL, Kochi	1189.00	1341.68	112.84	951.00	1169.06	122.93	14184.00	14628.80	103.14	11347.00	12698.38	111.91
Total BPCL	**2110.00**	**2521.97**	**119.52**	**1872.00**	**2365.58**	**126.37**	**25164.00**	**28030.39**	**111.39**	**22328.00**	**25484.47**	**114.14**
12. HPCL, Mumbai	575.00	696.84	121.19	575.00	685.75	119.26	6863.00	7900.34	115.11	6863.00	7900.97	115.12
13. HPCL, Visakh	637.00	769.17	120.75	639.00	782.41	122.44	7595.00	8916.43	117.40	7623.00	8784.62	115.24
Total HPCL	**1212.00**	**1466.01**	**120.96**	**1214.00**	**1468.16**	**120.94**	**14458.00**	**16816.77**	**116.31**	**14486.00**	**16685.58**	**115.18**
14. CPCL, Manali	805.00	872.33	108.36	805.00	825.69	102.57	9608.00	9329.31	97.10	9608.00	9355.92	97.38
15. CPCL, CBR	77.00	9.05	11.76	77.00	34.98	45.42	915.00	361.52	39.51	915.00	451.11	49.30
Total CPCL	**882.00**	**881.38**	**99.93**	**882.00**	**860.67**	**97.58**	**10523.00**	**9690.82**	**92.09**	**10523.00**	**9807.04**	**93.20**
16. NRL, Numaligarh	230.00	215.15	93.54	230.00	206.25	215.15	2745.00	2654.29	96.70	2745.00	2592.09	94.43
17. MRPL, Mangalore	1151.00	1328.34	115.41	1151.00	1233.22	107.14	13726.00	14815.04	107.93	13726.00	14660.32	106.81
18. ONGC, Tatipaka	5.00	7.06	141.14	5.00	6.22	124.39	60.00	58.23	97.04	60.00	73.08	121.81
B. Joint Venture	**1327.00**	**1642.33**	**123.76**	**1151.00**	**1446.24**	**125.65**	**15831.00**	**16391.13**	**103.54**	**13726.00**	**14004.05**	**102.03**
19. BORL, Bina	460.00	635.53	138.16	460.00	500.73	108.85	5490.00	5013.11	91.31	5490.00	6138.74	111.82
20. HMEL, GGSR, Bhatinda	867.00	1006.81	116.13	690.00	945.51	137.03	10340.00	11378.02	110.04	8236.00	7865.31	95.50
C. Private Sector	**6766.00**	**6501.38**	**96.09**	**6137.00**	**7147.63**	**116.47**	**80709.00**	**80096.59**	**99.24**	**73205.00**	**84103.11**	**114.89**
21. RIL, Jamnagar	2532.00	1974.95	78.00	2532.00	2653.92	104.82	30197.00	28902.43	95.71	30197.00	30304.93	100.36
22. RIL, SEZ	2700.00	2946.79	109.14	2071.00	2899.41	140.00	32210.00	34088.66	105.83	24707.00	34890.59	141.22
Total RIL	**5232.00**	**4921.74**	**94.07**	**4603.00**	**5553.32**	**120.65**	**62408.00**	**62991.09**	**100.93**	**54904.00**	**65195.52**	**118.74**
23. NEL, Vadinar	1534.00	1579.65	102.98	1534.00	1594.31	103.93	18301.00	17105.50	93.47	18301.00	18907.59	103.31
TOTAL(A+B+C)	**18991.00**	**20083.43**	**105.75**	**17950.00**	**20080.46**	**111.87**	**226540.00**	**234709.43**	**103.61**	**214122.00**	**230814.08**	**107.80**

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

MINISTRY OF PETROLEUM & NATURAL GAS **Annexure-V (Para 3.4)**

Production of Petroleum Products during the month of February, 2019 and cumulatively for the period April-February, 2018-19 vis-à-vis April-February, 2017-18

(Qty: '000' Tonnes)

Name of Undertaking/Unit	Planned production during the month*	Production during the			Cumulative Production (April-February)			% 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)*
I. Refinery										
A. Public Sector	**11046.43**	**11330.51**	**11104.69**	**12496.53**	**127078.56**	**131060.14**	**125710.25**	**2.03**	**4.26**	**2.57**
1. IOC, Guwahati	80.83	74.98	86.41	25.41	927.55	939.86	1043.46	-13.23	-9.93	-7.24
2. IOC, Barauni	488.03	506.74	497.63	561.88	5545.52	5702.87	4946.15	1.83	15.30	3.83
3. IOC, Gujarat	1038.31	1066.99	1118.09	1151.75	11351.30	11947.06	12054.53	-4.57	-0.89	2.76
4. IOC, Haldia	593.75	604.66	610.47	559.65	6766.10	6778.17	6494.25	-0.95	4.37	1.84
5. IOC, Mathura	715.58	751.84	713.37	714.22	8168.43	8702.63	8283.90	5.39	5.05	5.07
6. IOC, Digboi	41.84	45.68	44.59	56.46	583.37	614.69	603.32	2.45	1.89	9.18
7. IOC, Panipat	1295.28	987.02	1319.75	1435.34	14962.10	15074.38	14400.44	-25.21	4.68	-23.80
8. IOC, Bongaigaon	155.14	200.57	202.12	218.99	1844.79	2123.88	2027.93	-0.76	4.73	29.29
9. IOC, Paradip	1061.44	1155.51	692.26	1236.78	11812.00	11941.62	11081.02	66.92	7.77	8.86
Total IOC	**5470.20**	**5394.00**	**5284.69**	**5960.48**	**61961.14**	**63825.16**	**60935.00**	**2.07**	**4.74**	**-1.39**
10. BPCL, Mumbai	1013.03	1132.01	1156.95	1167.42	11951.61	12871.46	12401.67	-2.16	3.79	11.74
11. BPCL, Kochi	1135.08	1270.75	1116.42	1398.61	13110.32	13690.79	12008.06	13.82	14.01	11.95
Total BPCL	**2148.11**	**2402.75**	**2273.38**	**2566.03**	**25061.93**	**26562.25**	**24409.73**	**5.69**	**8.82**	**11.85**
12. HPCL, Mumbai	621.93	646.05	665.48	627.68	7239.60	7459.97	7394.68	-2.92	0.88	3.88
13. HPCL, Visakh	688.96	727.15	718.50	746.46	8069.69	8301.36	8111.23	1.20	2.34	5.54
Total HPCL	**1310.89**	**1373.20**	**1383.98**	**1374.13**	**15309.29**	**15761.33**	**15505.91**	**-0.78**	**1.65**	**4.75**
14. CPCL, Manali	685.28	766.00	748.48	881.62	8446.87	8392.84	8476.26	2.34	-0.98	11.78
15. CPCL, CBR	0.00	9.70	35.11	45.79	303.60	363.85	453.79	-72.37	-19.82	-
Total CPCL	**685.28**	**775.70**	**783.59**	**927.41**	**8750.47**	**8756.69**	**8930.05**	**-1.01**	**-1.94**	**13.19**
16. NRL, Numaligarh	213.46	217.92	192.12	237.33	2546.29	2634.64	2588.92	13.43	1.77	2.09
17. MRPL, Mangalore	1213.74	1160.29	1181.13	1424.07	13397.45	13464.51	13271.66	-1.76	1.45	-4.40
18. ONGC, Tatipaka	4.75	6.66	5.81	7.08	51.99	55.56	69.00	14.49	-19.48	39.97
B. Joint Venture	**1340.32**	**1432.23**	**1315.95**	**1576.30**	**14550.24**	**15243.59**	**13035.83**	**8.84**	**16.94**	**6.86**
19. BORL, Bina	549.32	574.09	430.36	615.74	5139.44	4480.62	5569.38	33.40	-19.55	4.51
20. HMEL, GGSR, Bhatinda	791.00	858.14	885.59	960.56	9410.80	10762.98	7466.46	-3.10	44.15	8.49
C. Private Sector	**7802.88**	**7174.71**	**7698.12**	**7840.41**	**87399.27**	**88558.24**	**89429.57**	**-6.80**	**-0.97**	**-8.05**
21. RIL, Jamnagar	2700.36	2034.95	2700.36	2348.14	30537.07	30357.56	30537.07	-24.64	-0.59	-24.64
22. RIL, SEZ	3454.19	3549.98	3454.19	3733.01	40830.53	41726.11	40830.53	2.77	2.19	2.77
Total RIL	**6154.55**	**5584.92**	**6154.55**	**6081.15**	**71367.60**	**72083.67**	**71367.60**	**-9.26**	**1.00**	**-9.26**
23. NEL, Vadinar	1648.33	1589.78	1543.57	1759.26	16031.67	16474.56	18061.96	2.99	-8.79	-3.55
TOTAL(A+B+C)	**20189.63**	**19937.45**	**20118.76**	**21913.24**	**229028.07**	**234861.97**	**228175.65**	**-0.90**	**2.93**	**-1.25**
II. Fractionators										
ONGC	253.38	281.51	258.60	307.82	2948.05	3251.75	2982.19	8.86	9.04	11.10
GAIL	99.30	98.78	96.34	111.42	1078.40	1200.78	1153.43	2.53	4.10	-0.52
OIL	3.00	2.87	2.94	3.02	32.80	30.43	30.71	-2.35	-0.91	-4.23
D. Total Fractionators	**355.68**	**383.16**	**357.88**	**422.25**	**4059.25**	**4482.96**	**4166.33**	**7.06**	**7.60**	**7.73**
Grand Total (A+B+C+D)	**20545.31**	**20320.61**	**20476.63**	**22335.49**	**233087.33**	**239344.92**	**232341.98**	**-0.76**	**3.01**	**-1.09**

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