Government of India
Ministry of Petroleum and Natural Gas
Economic & Statistics Division
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New Delhi
Dated the 22nd April, 2020

Monthly Production Report
March, 2020

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1. Crude Oil

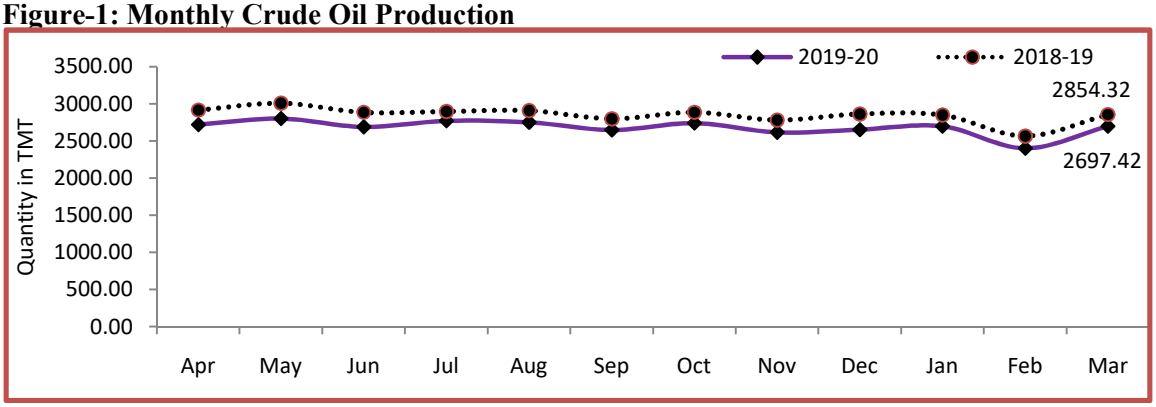
Crude oil production[1] during March, 2020 was 2697.42 TMT which is 13.97% lower than target and 5.50% lower when compared with March 2019. Cumulative crude oil production during April-March, 2019-20 was 32169.27 TMT which is 8.20% and 5.95% lower than target for the period and production during corresponding period of last year respectively. Unit-wise and State-wise crude oil production is given at **Annexure-I**. Unit-wise crude oil production for the month of March, 2020 and cumulatively for the period April-March, 2019-20 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	March (Month)				April-March (Cumulative)			
	2019-20 (Apr-Mar)	2019-20		2018-19	% over last year	2019-20		2018-19	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
ONGC	22153.90	2081.45	1778.11	1768.17	100.56	22153.90	20626.95	21042.11	98.03
OIL	3424.90	294.23	254.07	278.10	91.36	3424.90	3106.61	3293.13	94.34
PSC Fields	9463.34	759.85	665.25	808.04	82.33	9463.34	8435.71	9868.02	85.49
Total	**35042.15**	**3135.53**	**2697.42**	**2854.32**	**94.50**	**35042.15**	**32169.27**	**34203.27**	**94.05**

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

Figure-1: Monthly Crude Oil Production



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

[1]Including condensate

1.1 Crude oil production by **ONGC** during March, 2020 was 1778.11 TMT which is marginally higher 0.56% when compared with March, 2019 but 14.57% lower than the target for the month. Cumulative crude oil production by ONGC during April-March, 2019-20 was 20626.95 TMT which is 6.89% and 1.97% lower than target for the period and production during corresponding period of last year respectively. Reasons for shortfall in production are as under:

- Non realization of production from WO-16 cluster due to unavailability of MOPU.
- Less production from B-127 Cluster due to increase in water cut.
- ESP issues in wells of NBP and Ratna fields :
- Increase in water cut in certain wells of Mumbai High, Heera, Neelam& B173A fields
- Less oil production due to restriction of movements for field operations in onshore fields due to COVID-19 lockdown.

1.2 Crude oil production by **OIL** during March, 2020 was 254.07 TMT which is 13.65% lower than the monthly target and 8.64% lower than the March, 2019. Cumulative crude oil production by OIL during April-March, 2019-20 was 3106.61 TMT which is 9.29% and 5.66% lower than target for the period and production during corresponding period of last year respectively. Reasons for shortfall in production are as under:

- Rise in water cut in wells & decline in total liquid production of wells as a consequential effect of the wells shut-in during bandhs.
- Impact on progress of Workover and Drilling operations due to COVID-19.
- Less than planned contribution from workover and drilling wells as well as old well.

1.3 Crude oil production by **Pvt/JVs** during March, 2020 was 665.25 TMT which is lower by 12.45% than the monthly target and 17.67% lower than March, 2019. Cumulative crude oil production by Pvt/JVs during April-March, 2019-20 was 8435.71 TMT which is 10.86% and 14.51% lower than target for the period and production during corresponding period of last year respectively. Reasons for shortfall in production are as under:

- RJ-ON-90/1: Less than planned contribution from workover and drilling wells. ESP and Operations issues etc. in the Mangala, Bhagyam Aishwarya, ABH and Satellite fields.
- CB-OS/2: Production reduced in 5 oil wells due to water loading and sand issue. (CEIL)
- KG-ONN-2003/1: Underperformance of wells (ONGC)

2. Natural Gas

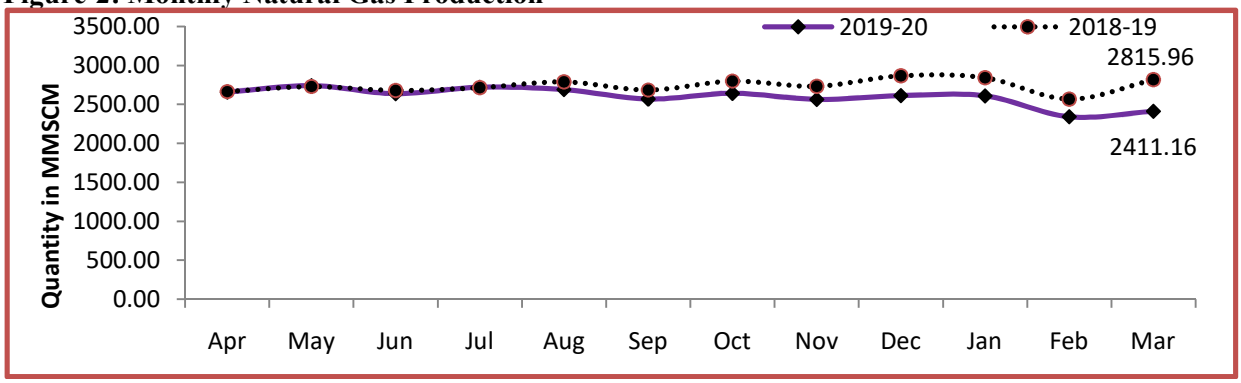
Natural gas production during March, 2020 was 2411.16 MMSCM which is 21.89% lower than the monthly target and 14.38% lower when compared with March, 2019. Cumulative natural gas production during April-March, 2019-20 was 31179.96 MMSCM which is 9.76% and 5.15% lower than target for the period and production during corresponding period of last year respectively. Unit-wise and state-wise natural gas production is given at **Annexure-II**. Unit-wise natural gas production for the month of March, 2020 and cumulatively for the period April-March, 2019-20 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	March (Month)				April-March (Cumulative)			
	2019-20 (Apr-Mar)	2019-20		2018-19	% over last year	2019-20		2018-19	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
ONGC	25848.00	2359.20	1905.52	2134.89	89.26	25848.00	23746.19	24674.65	96.24
OIL	3309.59	271.64	211.62	235.12	90.00	3309.59	2668.25	2721.91	98.03
PSC Fields	5395.20	456.08	294.03	445.95	65.93	5395.20	4765.51	5476.82	87.01
Total	**34552.79**	**3086.93**	**2411.16**	**2815.96**	**85.62**	**34552.79**	**31179.96**	**32873.37**	**94.85**

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

Figure-2: Monthly Natural Gas Production



2.1 Natural gas production by **ONGC** during March, 2020 was 1905.52 MMSCM which is 19.23% lower than target and 10.74% lower when compared with March 2019. Cumulative natural gas production by ONGC during April-March, 2019-20 was 23746.19 MMSCM which is 8.13% and 3.76% lower than target for the period and production during corresponding period of last year respectively. Reasons for shortfall in production are as under:

- Closure of gas wells in offshore in March'20 due to less offtake by GAIL and GSPC due to on-going COVID-19 lockdown conditions.
- Less Gas production from Vasistha/S1 wells in EOA due to sand/increase in water
- Non-realization of gas production planned from WO16 cluster.

- Less than planned gas production from Bassein field, Daman Tapti Block and marginal fields.
- Less production due to less gas off take by OTPC, Tripura.
- Less production due to less gas off take by gas consumers in Cauvery and Rajahmundry assets and no gas off-take in Jodhpur Asset.

2.2 Natural gas production by **OIL** during March, 2020 was 211.62 MMSCM which is 22.10% lower than monthly target and 10% lower than March, 2019. Cumulative natural gas production by OIL during April-March, 2019-20 was 2668.25 MMSCM which is 19.38% and 1.97% lower than target for the period and production during corresponding period of last year respectively. Reasons for shortfall in production are as under:

- Decline in production potential of gas wells consequent shut-in during protest and bandhs.
- Controlled production because of low market demand (Tea Sector) during lockdown due to COVID19.
- Brahmaputra Valley Fertilizer Corporation Limited, BVFCL's Namrup-II plants shutdown due to problem in Synthesis Gas Section and Namrup-III plants shut-down due to Urea reactor tube leakage.
- Low upliftment by NRL due to malfunction of the Power Generation unit.
- NTPS – Due to various maintenance issues of their existing gas turbines. Besides these, Namrup Replacement Power project (NRPP) shutdown due to compressor valve problem.

2.3 Natural gas production by **Pvt/JVs** during March, 2020 was 294.03 MMSCM which is 35.53% lower than monthly target and 34.07% lower than March, 2019. Cumulative natural gas production by Pvt/JVs during April-March, 2019 was 4765.51 MMSCM which is 11.67% and 12.99% lower than target for the period and production during corresponding period of last year respectively. Reasons for shortfall in production are as under:

- RJ-ON/6: Less offtake by consumers and few wells under workover. (FEL)
- Sohagpur West: Gas breakout awaited in dewatering wells.
- Raniganj East: Less offtake by consumers (ESSAR)
- AAP-ON-94/1: Less offtake by consumers. (HOEC)

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

Refinery production during March, 2020 was 21203.58 TMT which is 8.59% lower than the target for the month and 5.74% lower when compared with March, 2019. Cumulative production during April-March, 2019-20 was 254385.82 TMT which is 0.14% and 1.1% lower than target for the period and production during corresponding period of last year respectively. Unit-wise production is given at **Annexure-III**. Company-wise production for the month of March, 2020 and cumulatively for the period April-March, 2019-20 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

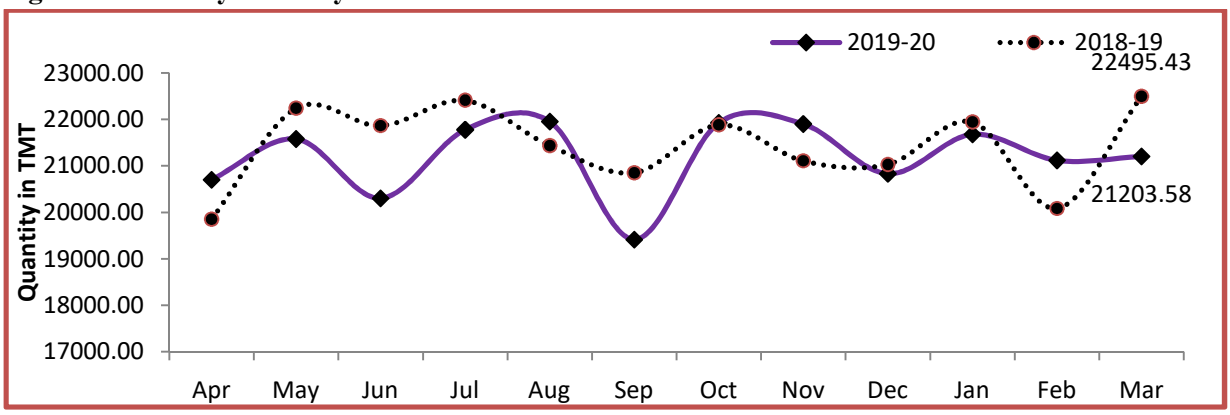


Table 3: Refinery Production (TMT)

Oil Company	Target 2019-20 (Apr-Mar)	March (Month)				April-March (Cumulative)			
		2019-20		2018-19	% over last year	2019-20		2018-19	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
CPSE	**147944.81**	**13664.93**	**12261.57**	**12753.95**	**96.14**	**147944.69**	**144715.80**	**150975.66**	95.85
IOCL	71900.25	6703.67	5736.13	5659.69	101.35	71900.25	69419.36	71815.86	96.66
BPCL	30900.00	2695.00	2706.52	2793.05	96.90	30899.99	31532.11	30823.44	102.30
HPCL	16499.00	1598.00	1514.77	1627.30	93.09	16499.00	17180.21	18444.07	93.15
CPCL	10400.00	930.00	853.19	1003.88	84.99	10400.00	10160.64	10694.70	95.01
NRL	2799.80	259.10	247.65	246.10	100.63	2799.80	2383.34	2900.39	82.17
MRPL	15400.00	1475.00	1196.68	1416.01	84.51	15400.00	13953.11	16231.05	85.97
ONGC	45.76	4.16	6.63	7.93	83.66	45.76	86.93	66.16	131.40
JVs	**18755.00**	**1588.00**	**1698.07**	**1797.56**	**94.47**	**18755.00**	**20154.97**	**18188.69**	**110.81**
BORL	7800.00	660.00	733.21	702.78	104.33	7800.00	7912.91	5715.88	138.44
HMEL	10955.00	928.00	964.86	1094.78	88.13	10955.00	12242.06	12472.80	98.15
Private	**88040.52**	**7943.93**	**7243.95**	**7943.93**	**91.19**	**88040.52**	**89515.16**	**88040.52**	**101.67**
RIL	69145.00	6153.91	5524.94	6153.91	89.78	69145.00	68894.99	69145.00	99.64
EOL	18895.52	1790.01	1719.01	1790.01	96.03	18895.52	20620.18	18895.52	109.13
TOTAL	**254740.32**	**23196.85**	**21203.58**	**22495.43**	**94.26**	**254740.32**	**254385.82**	**257204.86**	**98.90**

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

3.1 **CPSE Refineries' production** during March, 2020 was 12261.57 TMT which is 10.27% lower than the target for the month and 3.86% lower when compared with March, 2019. Cumulative production by CPSE refineries during April-March, 2019-20 was 144715.69 TMT which is 2.18% and 4.15% lower than target for the period and production during corresponding period of last year respectively. Reasons for shortfall of refinery production in some CPSE refineries are as under.

- IOCL, Guwahati & Bongaigaon: Lower due to planned shutdown.
- IOCL, Barauni, Haldia, Mathura, Panipat, Paradip and Jharia: Lower in line with demand.
- CPCL, Manali: Crude throughput is lower than target due to product containment issues because of Covid-19 lockdown.
- NRL, Numaligarh: Processing is as per crude availability

3.2 **Production in JV refineries** during March, 2020 was 1698.07 TMT which is 6.93% higher than the target for the month but 5.53% lower when compared with March, 2019. Cumulative production by CPSE refineries during April-March, 2019-20 was 20154.97 TMT which is 7.46% and 10.81% higher than target for the period and production during corresponding period of last year respectively..

3.3 **Production in private refineries** during March, 2020 was 7243.95 TMT which is 8.81% lower than the target as well as corresponding month of last year. Cumulative production by private refineries during April-March, 2019-20 was 89515.16 TMT which is 1.67% higher than the target as well as corresponding period of last year.

3.4 Refinery-wise details of the capacity utilization and production of petroleum products during the month of March, 2020 and cumulatively for the period April-March, 2019-20 vis-à-vis April-March, 2018-19 are given at **Annexures - IV and V** respectively.

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

Crude Oil Production during the month of March, 2020 and cumulatively for the period April-March, 2019-20 vis-à-vis April-March, 2018-19

(Figures in Thousand Metric Tons)

Name of Undertaking/Unit/State	Planned production during the month	Production during the			Cumulative Production (April-March)			% 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	**2081.45**	**1778.11**	**1768.17**	**1672.97**	**22153.90**	**20626.95**	**21042.11**	**0.56**	**-1.97**	**-14.57**
Onshore	**523.53**	**520.78**	**528.19**	**491.97**	**6134.79**	**6090.41**	**6073.51**	**-1.40**	**0.28**	**-0.52**
Andhra Pradesh	20.46	15.84	22.64	15.36	258.71	201.63	284.93	-30.03	-29.24	-22.55
Assam ^	95.23	86.08	80.92	82.05	1031.62	987.49	993.12	6.38	-0.57	-9.60
Gujarat	384.40	391.42	396.21	367.58	4558.68	4573.58	4492.28	-1.21	1.81	1.82
Tamil Nadu	23.44	27.44	28.42	26.98	285.78	327.71	303.19	-3.45	8.09	17.07
Offshore	**1557.92**	**1257.32**	**1239.98**	**1180.99**	**16019.11**	**14536.54**	**14968.60**	**1.40**	**-2.89**	**-19.29**
Eastern Offshore	1.48	1.18	2.05	1.17	18.17	19.42	18.46	-42.68	5.19	-20.39
Western Offshore	1405.64	1150.07	1117.57	1075.00	14387.88	13133.75	13465.06	2.91	-2.46	-18.18
Condensates	150.80	106.07	120.36	104.82	1613.06	1383.37	1485.08	-11.87	-6.85	-29.66
2. OIL (Onshore)	**294.23**	**254.07**	**278.10**	**240.26**	**3424.90**	**3106.61**	**3293.13**	**-8.64**	**-5.66**	**-13.65**
Assam	291.77	250.92	276.16	237.37	3399.50	3075.27	3281.55	-9.14	-6.29	-14.00
Arunachal Pradesh	2.28	2.42	1.48	2.19	23.20	23.38	8.60	63.58	171.74	6.23
Rajsthan (heavy oil)	0.19	0.73	0.47	0.69	2.20	7.97	2.98	55.92	167.54	289.61
3. Private / JVC	**759.85**	**665.25**	**808.04**	**486.29**	**9463.34**	**8435.71**	**9868.02**	**-17.67**	**-14.51**	**-12.45**
Onshore	**633.78**	**559.60**	**653.16**	**401.04**	**7809.91**	**6969.29**	**7969.09**	**-14.32**	**-12.55**	**-11.70**
Andhra Pradesh	6.60	4.21	0.73	4.11	81.48	41.22	11.20	473.94	268.01	-36.23
Arunachal Pradesh	2.56	2.49	2.89	2.38	31.32	32.25	34.11	-13.62	-5.45	-2.73
Assam	7.32	1.82	3.62	1.89	62.59	30.11	34.45	-49.74	-12.58	-75.17
Gujarat	31.74	10.94	10.83	11.10	368.78	133.31	133.46	1.06	-0.11	-65.53
Rajasthan	576.22	532.92	627.04	374.79	7165.57	6644.91	7663.81	-15.01	-13.30	-7.51
Tamil Nadu	9.33	7.22	8.06	6.77	100.16	87.49	92.06	-10.42	-4.97	-22.63
Offshore	**126.08**	**105.65**	**154.88**	**85.25**	**1653.43**	**1466.41**	**1898.93**	**-31.79**	**-22.78**	**-16.20**
Eastern Offshore	32.24	70.60	51.17	48.16	469.56	537.80	635.88	37.98	-15.42	119.00
Gujarat Offshore	54.93	35.05	62.72	37.09	724.59	590.78	735.61	-44.12	-19.69	-36.20
Western Offshore	38.91	0.00	40.99	0.00	459.27	337.83	527.44	-	-35.95	-
GRAND TOTAL (1+2+3)	**3135.53**	**2697.42**	**2854.32**	**2399.51**	**35042.15**	**32169.27**	**34203.27**	**-5.50**	**-5.95**	**-13.97**
Onshore	1451.54	1334.45	1459.45	1133.27	17369.60	16166.32	17335.74	-8.56	-6.75	-8.07
Offshore	1684.00	1362.97	1394.87	1266.25	17672.54	16002.95	16867.53	-2.29	-5.13	-19.06

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 March, 2020 and cumulatively for the period April-March, 2019-20 vis-à-vis April-March, 2018-19

(Figures in Million Cubic Meters)

Name of Undertaking/Unit/State	Planned production during the month	Production during the			Cumulative Production (April-March)			% 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	**2359.20**	**1905.52**	**2134.89**	**1869.97**	**25848.00**	**23746.19**	**24674.65**	**-10.74**	**-3.76**	**-19.23**
Onshore	**518.76**	**392.48**	**485.75**	**381.38**	**6148.86**	**5170.17**	**5632.86**	**-19.20**	**-8.21**	**-24.34**
Andhra Pradesh	86.10	72.60	87.54	70.18	1005.67	897.41	1076.72	-17.06	-16.65	-15.68
Assam	52.64	36.59	39.70	34.85	576.52	460.49	482.63	-7.84	-4.59	-30.49
Gujarat	94.29	102.16	113.76	101.63	1210.58	1273.61	1332.40	-10.20	-4.41	8.35
Rajasthan	5.39	0.00	0.00	0.00	63.68	0.00	4.31	-	-	-
Tamil Nadu	125.28	85.76	99.37	84.09	1468.13	1065.91	1182.49	-13.69	-9.86	-31.54
Tripura	155.07	95.37	145.38	90.64	1824.27	1472.75	1554.30	-34.40	-5.25	-38.50
Offshore	**1840.44**	**1513.04**	**1649.14**	**1488.59**	**19699.14**	**18576.02**	**19041.78**	**-8.25**	**-2.45**	**-17.79**
Eastern Offshore	100.61	45.33	104.41	44.89	1192.11	931.10	1036.74	-56.58	-10.19	-54.94
Western Offshore	1739.83	1467.71	1544.73	1443.70	18507.04	17644.92	18005.04	-4.99	-2.00	-15.64
2. OIL	**271.64**	**211.62**	**235.12**	**200.79**	**3309.59**	**2668.25**	**2721.91**	**-10.00**	**-1.97**	**-22.10**
Assam	252.35	185.59	212.72	176.52	3081.81	2379.03	2481.93	-12.76	-4.15	-26.46
Arunachal Pradesh	1.09	4.55	1.07	4.13	12.78	38.22	12.24	326.34	212.31	319.45
Rajasthan	18.21	21.48	21.33	20.13	215.00	251.00	227.73	0.70	10.22	17.95
3. Private / JVC	**456.08**	**294.03**	**445.95**	**269.76**	**5395.20**	**4765.51**	**5476.82**	**-34.07**	**-12.99**	**-35.53**
Onshore	**193.23**	**187.77**	**155.20**	**169.58**	**2103.93**	**2054.97**	**1691.03**	**20.99**	**21.52**	**-2.82**
Andhra Pradesh	3.85	1.54	0.31	1.60	44.75	14.91	4.58	392.95	225.38	-60.07
Arunachal Pradesh	0.63	0.45	0.65	0.49	7.68	7.37	15.57	-31.07	-52.67	-28.98
Assam	40.51	19.65	34.19	17.85	441.14	301.71	324.50	-42.52	-7.02	-51.50
Gujarat	9.12	5.51	5.32	5.70	108.84	68.73	69.82	3.51	-1.56	-39.60
Rajasthan	135.71	157.76	112.38	141.26	1465.31	1631.51	1251.20	40.38	30.40	16.25
Tamil Nadu	3.40	2.87	2.35	2.67	36.22	30.74	25.36	21.96	21.24	-15.78
CBM	**111.86**	**58.36**	**58.10**	**56.37**	**1074.91**	**655.44**	**710.46**	**0.45**	**-7.74**	**-47.83**
Jharkhand (CBM)	0.56	0.20	0.45	0.33	6.66	4.65	3.58	-54.77	29.80	-63.83
Madhya Pradesh (CBM)	64.80	29.75	29.46	28.68	563.50	344.90	356.66	0.98	-3.30	-54.09
West Bengal (CBM)	46.50	28.41	28.19	27.36	504.75	305.90	350.22	0.78	-12.66	-38.91
Offshore	**150.99**	**47.89**	**232.65**	**43.80**	**2216.35**	**2055.10**	**3075.32**	**-79.41**	**-33.17**	**-68.28**
Eastern Offshore	32.40	38.41	90.13	34.90	806.13	887.71	1422.19	-57.39	-37.58	18.53
Gujarat Offshore	13.50	9.49	12.09	8.90	169.55	128.70	122.23	-21.52	5.30	-29.72
Western Offshore	105.09	0.00	130.43	0.00	1240.68	1038.69	1530.90	-	-32.15	-
TOTAL (1+2+3)	**3086.93**	**2411.16**	**2815.96**	**2340.51**	**34552.79**	**31179.96**	**32873.37**	**-14.38**	**-5.15**	**-21.89**
CBM	111.86	58.36	58.10	56.37	1074.91	655.44	710.46	0.45	-7.74	-47.83
Onshore	983.64	791.87	876.07	751.75	11562.38	9893.40	10045.80	-9.61	-1.52	-19.50
Offshore	1991.43	1560.93	1881.79	1532.39	21915.50	20631.12	22117.10	-17.05	-6.72	-21.62

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 March, 2020 and cumulatively for the period April-March, 2019-20 vis-à-vis April-March, 2018-19

(Figures in Thousand Metric Tons)

Name of Undertaking/Unit	Planned production during the month	Production during the			Cumulative Production (April-March)			% variation		% 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	**13664.93**	**12261.57**	**12753.95**	**12168.69**	**147944.81**	**144715.69**	**150975.66**	**-3.86**	**-4.15**	**-10.27**
1. IOC, Guwahati	94.00	0.00	81.19	52.43	880.00	892.40	863.17	-	3.39	-
2. IOC, Barauni	600.65	511.67	595.73	541.38	6800.00	6515.53	6661.19	-14.11	-2.19	-14.81
3. IOC, Gujarat	1317.50	1166.96	980.99	1228.93	13500.38	13074.75	13504.92	18.96	-3.19	-11.43
4. IOC, Haldia	734.08	593.78	709.30	517.43	7250.00	6463.29	7964.86	-16.29	-18.85	-19.11
5. IOC, Mathura	854.00	783.20	866.57	747.48	8900.00	8948.04	9736.54	-9.62	-8.10	-8.29
6. IOC, Digboi	58.00	59.44	61.52	55.97	670.00	664.23	675.52	-3.38	-1.67	2.48
7. IOC, Panipat	1418.20	1215.58	710.68	1332.45	15649.95	15038.10	15280.52	71.04	-1.59	-14.29
8. IOC, Bongaigaon	248.00	134.64	225.51	90.34	2350.00	2044.82	2512.77	-40.29	-18.62	-45.71
9. IOC, Paradip	1379.24	1270.85	1428.20	1157.82	15899.92	15778.20	14616.39	-11.02	7.95	-7.86
Total IOC	**6703.67**	**5736.13**	**5659.69**	**5724.23**	**71900.25**	**69419.36**	**71815.86**	**1.35**	**-3.34**	**-14.43**
10. BPCL, Mumbai	1270.00	1338.12	1371.14	1290.66	14699.99	15016.68	14772.72	-2.41	1.65	5.36
11. BPCL, Kochi	1425.00	1368.40	1421.91	1368.85	16200.00	16515.43	16050.72	-3.76	2.90	-3.97
Total BPCL	**2695.00**	**2706.52**	**2793.05**	**2659.50**	**30899.99**	**31532.11**	**30823.44**	**-3.10**	**2.30**	**0.43**
12. HPCL, Mumbai	767.00	719.37	770.59	716.90	7286.00	8065.16	8670.93	-6.65	-6.99	-6.21
13. HPCL, Visakh	831.00	795.41	856.71	798.29	9213.00	9115.05	9773.14	-7.16	-6.73	-4.28
Total HPCL	**1598.00**	**1514.77**	**1627.30**	**1515.18**	**16499.00**	**17180.21**	**18444.07**	**-6.91**	**-6.85**	**-5.21**
14. CPCL, Manali	930.00	853.19	942.03	735.33	10400.00	10160.64	10271.33	-9.43	-1.08	-8.26
15. CPCL, CBR	0.00	0.00	61.85	0.00	0.00	0.00	423.37	-	-	-
Total CPCL	**930.00**	**853.19**	**1003.88**	**735.33**	**10400.00**	**10160.64**	**10694.70**	**-15.01**	**-4.99**	**-8.26**
16. NRL, Numaligarh	259.10	247.65	246.10	224.69	2799.80	2383.34	2900.39	0.63	-17.83	-4.42
17. MRPL, Mangalore	1475.00	1196.68	1416.01	1304.21	15400.00	13953.11	16231.05	-15.49	-14.03	-18.87
18. ONGC, Tatipaka	4.16	6.63	7.93	5.55	45.76	86.93	66.16	-16.34	31.40	59.47
B. Joint Venture	**1588.00**	**1698.07**	**1797.56**	**1680.43**	**18755.00**	**20154.97**	**18188.69**	**-5.53**	**10.81**	**6.93**
19. BORL, Bina	660.00	733.21	702.78	652.22	7800.00	7912.91	5715.88	-1.43	38.44	11.09
20. HMEL, GGSR, Bhatinda	928.00	964.86	1094.78	1028.21	10955.00	12242.06	12472.80	-11.87	-1.85	3.97
C. Private Sector	**7943.93**	**7243.95**	**7943.93**	**7269.05**	**88040.52**	**89515.16**	**88040.52**	**-8.81**	**1.67**	**-8.81**
21. RIL, Jamnagar	2849.72	3013.88	2849.72	2880.93	31752.15	33018.53	31752.15	5.76	3.99	5.76
22. RIL, SEZ	3304.19	2511.06	3304.19	2786.85	37392.85	35876.45	37392.85	-24.00	-4.06	-24.00
Total RIL	**6153.91**	**5524.94**	**6153.91**	**5667.78**	**69145.00**	**68894.99**	**69145.00**	**-10.22**	**-0.36**	**-10.22**
23. EOL, Vadinar	1790.01	1719.01	1790.01	1601.27	18895.52	20620.18	18895.52	-3.97	9.13	-3.97
TOTAL(A+B+C)	**23196.85**	**21203.58**	**22495.43**	**21118.17**	**254740.32**	**254385.82**	**257204.86**	**-5.74**	**-1.10**	**-8.59**

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

2. CPCL CBR crude distillation unit under shutdown from 01.04.2019 for project activities.

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 March, 2020 and cumulatively for the period April-March, 2019-20 vis-à-vis April-March, 2018-19

(Figures in Thousand Metric Tons)

Name of Undertaking/Unit	March, 2020			March, 2019			Cumulative (April - March)					
							2019-20			2018-19		
	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	**12066.00**	**12261.57**	**101.62**	**12066.00**	**12753.95**	**105.70**	**142066.00**	**144715.69**	**101.87**	**142066.00**	**150975.66**	**106.27**
1. IOC, Guwahati	85.00	0.00	0.00	85.00	81.19	95.52	1000.00	892.40	89.24	1000.00	863.17	86.32
2. IOC, Barauni	510.00	511.67	100.33	510.00	595.73	116.81	6000.00	6515.53	108.59	6000.00	6661.19	111.02
3. IOC, Gujarat	1164.00	1166.96	100.25	1164.00	980.99	84.28	13700.00	13074.75	95.44	13700.00	13504.92	98.58
4. IOC, Haldia	637.00	593.78	93.22	637.00	709.30	111.35	7500.00	6463.29	86.18	7500.00	7964.86	106.20
5. IOC, Mathura	679.00	783.20	115.35	679.00	866.57	127.62	8000.00	8948.04	111.85	8000.00	9736.54	121.71
6. IOC, Digboi	55.00	59.44	108.07	55.00	61.52	111.85	650.00	664.23	102.19	650.00	675.52	103.93
7. IOC, Panipat	1274.00	1215.58	95.41	1274.00	710.68	55.78	15000.00	15038.10	100.25	15000.00	15280.52	101.87
8. IOC, Bongaigaon	200.00	134.64	67.32	200.00	225.51	112.75	2350.00	2044.82	87.01	2350.00	2512.77	106.93
9. IOC, Paradip	1274.00	1270.85	99.75	1274.00	1428.20	0.00	15000.00	15778.20	105.19	15000.00	14616.39	0.00
Total IOC	**5877.00**	**5736.13**	**97.60**	**5877.00**	**5659.69**	**96.30**	**69200.00**	**69419.36**	**100.32**	**69200.00**	**71815.86**	**103.78**
10. BPCL, Mumbai	1019.00	1338.12	131.32	1019.00	1371.14	134.56	12000.00	15016.68	125.14	12000.00	14772.72	123.11
11. BPCL, Kochi	1316.00	1368.40	103.98	1316.00	1421.91	108.05	15500.00	16515.43	106.55	15500.00	16050.72	103.55
Total BPCL	**2336.00**	**2706.52**	**115.86**	**2336.00**	**2793.05**	**119.57**	**27500.00**	**31532.11**	**114.66**	**27500.00**	**30823.44**	**112.09**
12. HPCL, Mumbai	637.00	719.37	112.93	637.00	770.59	120.97	7500.00	8065.16	107.54	7500.00	8670.93	115.61
13. HPCL, Visakh	705.00	795.41	112.82	705.00	856.71	121.52	8300.00	9115.05	109.82	8300.00	9773.14	117.75
Total HPCL	**1342.00**	**1514.77**	**112.87**	**1342.00**	**1627.30**	**121.26**	**15800.00**	**17180.21**	**108.74**	**15800.00**	**18444.07**	**116.73**
14. CPCL, Manali	892.00	853.19	95.65	892.00	942.03	105.61	10500.00	10160.64	96.77	10500.00	10271.33	97.82
15. CPCL, CBR	85.00	0.00	0.00	85.00	61.85	72.76	1000.00	0.00	0.00	1000.00	423.37	42.34
Total CPCL	**977.00**	**853.19**	**87.33**	**977.00**	**1003.88**	**102.75**	**11500.00**	**10160.64**	**88.35**	**11500.00**	**10694.70**	**93.00**
16. NRL, Numaligarh	255.00	247.65	97.12	255.00	246.10	96.51	3000.00	2383.34	79.44	3000.00	2900.39	96.68
17. MRPL, Mangalore	1274.00	1196.68	93.93	1274.00	1416.01	111.15	15000.00	13953.11	93.02	15000.00	16231.05	108.21
18. ONGC, Tatipaka	6.00	6.63	110.57	6.00	7.93	132.17	66.00	86.93	131.71	66.00	66.16	100.24
B. Joint Venture	**1622.00**	**1698.07**	**104.69**	**1469.00**	**1797.56**	**122.37**	**19100.00**	**20154.97**	**105.52**	**17300.00**	**18188.69**	**105.14**
19. BORL, Bina	662.00	733.21	110.76	510.00	702.78	137.80	7800.00	7912.91	101.45	6000.00	5715.88	95.26
20. HMEL, GGSR, Bhatinda	960.00	964.86	100.51	960.00	1094.78	114.04	11300.00	12242.06	108.34	11300.00	12472.80	110.38
C. Private Sector	**7491.00**	**7243.95**	**96.70**	**7491.00**	**7943.93**	**106.05**	**88200.00**	**89515.16**	**101.49**	**88200.00**	**88040.52**	**99.82**
21. RIL, Jamnagar	2803.00	3013.88	107.52	2803.00	2849.72	101.67	33000.00	33018.53	100.06	33000.00	31752.15	96.22
22. RIL, SEZ	2990.00	2511.06	83.98	2990.00	3304.19	110.51	35200.00	35876.45	101.92	35200.00	37392.85	106.23
Total RIL	**5792.00**	**5524.94**	**95.39**	**5792.00**	**6153.91**	**106.25**	**68200.00**	**68894.99**	**101.02**	**68200.00**	**69145.00**	**101.39**
23. EOL, Vadinar	1699.00	1719.01	101.18	1699.00	1790.01	105.36	20000.00	20620.18	103.10	20000.00	18895.52	94.48
TOTAL(A+B+C)	**21179.00**	**21203.58**	**100.12**	**21026.00**	**22495.43**	**106.99**	**249366.00**	**254385.82**	**102.01**	**247566.00**	**257204.86**	**103.89**

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 March, 2020 and cumulatively for the period April-March, 2019-20 vis-à-vis April-March, 2018-19

(Figures in Thousand Metric Tons)

Name of Undertaking/Unit	Planned production during the month	Production during the			Cumulative Production (April-March)			% 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	**12944.38**	**11950.89**	**12187.30**	**11691.12**	**139514.50**	**137206.35**	**143247.44**	**-1.94**	**-4.22**	**-7.68**
1. IOC, Guwahati	88.28	48.56	90.37	78.45	890.73	1151.28	1030.23	-46.26	11.75	-
2. IOC, Barauni	541.88	507.94	573.55	526.70	6235.40	6072.72	6276.41	-11.44	-3.25	-6.26
3. IOC, Gujarat	1259.07	1193.56	960.58	1245.60	12916.93	12591.92	12907.64	24.25	-2.45	-5.20
4. IOC, Haldia	691.24	557.06	672.20	468.24	6667.45	5924.53	7450.36	-17.13	-20.48	-19.41
5. IOC, Mathura	837.31	796.28	857.10	793.41	8609.48	8793.31	9559.72	-7.10	-8.02	-4.90
6. IOC, Digboi	71.99	62.78	60.81	57.48	823.63	665.08	675.51	3.23	-1.54	-12.79
7. IOC, Panipat	1463.18	1289.76	702.59	1385.34	15806.42	15366.15	15776.97	83.57	-2.60	-11.85
8. IOC, Bongaigaon	232.57	117.81	213.61	71.13	2172.61	1863.01	2337.49	-44.85	-20.30	-49.35
9. IOC, Paradip	1259.35	1153.79	1288.02	1036.14	14522.99	14240.26	13229.64	-10.42	7.64	-8.38
Total IOC	**6444.87**	**5727.55**	**5418.82**	**5662.47**	**68645.62**	**66668.28**	**69243.97**	**5.70**	**-3.72**	**-11.13**
10. BPCL, Mumbai	1218.00	1300.43	1321.71	1262.42	14091.00	14513.90	14193.17	-1.61	2.26	6.77
11. BPCL, Kochi	1342.23	1400.02	1458.34	1280.71	15173.90	15726.19	15149.13	-4.00	3.81	4.31
Total BPCL	**2560.23**	**2700.45**	**2780.05**	**2543.13**	**29264.90**	**30240.10**	**29342.30**	**-2.86**	**3.06**	**5.48**
12. HPCL, Mumbai	725.00	652.83	741.88	688.39	6889.00	7644.58	8201.86	-12.00	-6.79	-9.95
13. HPCL, Visakh	768.00	715.75	793.86	729.71	8519.00	8292.11	9095.22	-9.84	-8.83	-6.80
Total HPCL	**1493.00**	**1368.59**	**1535.75**	**1418.10**	**15408.00**	**15936.70**	**17297.08**	**-10.88**	**-7.86**	**-8.33**
14. CPCL, Manali	839.45	795.74	860.70	686.72	9370.78	9328.89	9253.54	-7.55	0.81	-5.21
15. CPCL, CBR	0.00	0.00	61.51	0.00	0.00	0.88	425.37	-	-	-
Total CPCL	**839.45**	**795.74**	**922.22**	**686.72**	**9370.78**	**9329.77**	**9678.91**	**-13.71**	**-3.61**	**-5.21**
16. NRL, Numaligarh	253.83	249.49	247.04	217.37	2744.84	2299.89	2881.68	0.99	-20.19	-1.71
17. MRPL, Mangalore	1349.00	1102.88	1276.17	1158.20	14036.36	12651.47	14740.68	-13.58	-14.17	-18.24
18. ONGC, Tatipaka	4.00	6.20	7.25	5.14	44.00	80.15	62.81	-14.56	27.60	54.95
B. Joint Venture	**1459.18**	**1611.07**	**1666.07**	**1534.63**	**17239.40**	**18819.89**	**16909.66**	**-3.30**	**11.30**	**10.41**
19. BORL, Bina	587.18	658.19	632.11	601.74	6942.40	7218.74	5112.72	4.13	41.19	12.09
20. HMEL, GGSR, Bhatinda	872.00	952.88	1033.96	932.89	10297.00	11601.15	11796.93	-7.84	-1.66	9.28
C. Private Sector	**8714.73**	**8949.50**	**8714.73**	**8211.58**	**97272.96**	**102154.50**	**97272.96**	**2.69**	**5.02**	**2.69**
21. RIL, Jamnagar	2976.13	3274.00	2976.13	2918.90	33333.68	35060.99	33333.68	10.01	5.18	10.01
22. RIL, SEZ	4034.84	4028.53	4034.84	3758.70	45760.96	47313.13	45760.96	-0.16	3.39	-0.16
Total RIL	**7010.97**	**7302.54**	**7010.97**	**6677.60**	**79094.64**	**82374.12**	**79094.64**	**4.16**	**4.15**	**4.16**
23. EOL, Vadinar	1703.76	1646.96	1703.76	1533.98	18178.32	19780.38	18178.32	-3.33	8.81	-3.33
TOTAL REFINERY (A+B+C)	**23118.29**	**22511.46**	**22568.09**	**21437.32**	**254026.86**	**258180.74**	**257430.06**	**-0.25**	**0.29**	**-2.62**
ONGC	299.73	285.07	320.89	280.82	3364.23	3464.68	3572.64	-11.16	-3.02	-4.89
GAIL	98.84	104.77	124.07	100.34	1214.12	1265.90	1324.84	-15.56	-4.45	6.00
OIL	3.25	2.75	3.30	2.76	34.00	28.99	33.73	-16.76	-14.05	-15.51
D. Total Fractionators	**401.82**	**392.58**	**448.26**	**383.91**	**4612.35**	**4759.56**	**4931.21**	**-12.42**	**-3.48**	**-2.30**
Grand Total (A+B+C+D)	**23520.11**	**22904.04**	**23016.35**	**21821.24**	**258639.21**	**262940.30**	**262361.27**	**-0.49**	**0.22**	**-2.62**

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