

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

New Delhi
Dated the May, 2020

Monthly Production Report
April 2020

1. Production of Crude Oil

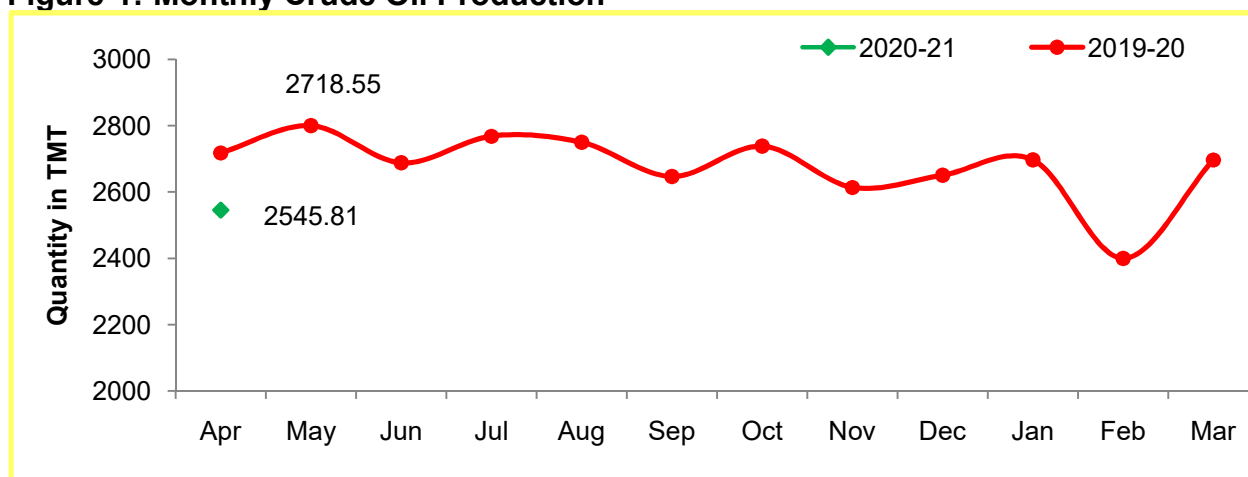
Crude oil production¹ during April 2020 was 2545.81 TMT which is 1.44% lower than monthly target and 6.35% lower than the production achieved in April 2019. Unit-wise and state-wise crude oil production is given at **Annexure-I**. Unit-wise crude oil production for the month of April, 2020 vis-à-vis April, 2019 has been shown in **Table-1** and month-wise in **Figure-1**.

Table-1: Crude Oil Production (in TMT)

Oil Company	Target	April (Month)			
	2020-21 (Apr-Mar)	2020-21		2019-20	% over last year
		Target	Prod.*	Prod.	
ONGC	20931.54	1692.83	1681.77	1690.78	99.47
OIL	3268.00	250.52	248.25	265.21	93.61
PSC Fields	8265.00	639.68	615.80	762.55	80.75
Total	32464.53	2583.03	2545.81	2718.55	93.65

Note: 1. Target for the year 2020-21 is provisional, subject to finalization. *: Provisional
2. Totals may not tally due to rounding off.

Figure-1: Monthly Crude Oil Production



¹ Including condensate

Unit-wise production details with reasons for shortfall have been given in following sub-sections:

1.1 Crude oil production by **ONGC** in nomination block during April, 2020 was 1681.77 TMT which is 0.65% lower than the monthly target and 0.53% lower when compared with actual production in April, 2019. Reasons for shortfall in production are as under:

- Closure of wells in Western Offshore due to less offtake by M/s GAIL due to Covid-19 Lockdown.
- Restriction of movements for field operations in Onshore fields due to Covid-19 lockdown.

1.2 Crude oil production by **OIL** in the nomination block during April, 2020 was 248.25 TMT which is 0.9% lower than monthly target and 6.39 lower when compared with actual production in April, 2019. Reasons for shortfall in production are as under:

- Less than planned contribution from workover wells and drilling wells.
- Rise in water cut and decline in liquid production from existing wells.
- Loss of production due to nationwide lockdown for COVID-19 Pandemic.

1.3 Crude oil production by **Pvt/JVs** in the PSC regime during April, 2020 was 615.80 TMT which is 3.73% lower than the monthly target and 19.25% lower when compared with actual production in April, 2019. Reasons for shortfall in production are as under:

- RJ-ON-90/1- Mangala: Delay in hook-up of new wells, ESP failure, delay in workover wells revival and new injector due to COVID 19 impact. (CEIL)
- RJ-ON-90/1- Bhagyam: Artificial lifts (PCP) malfunction & delayed start-up of full field polymer injection. (CEIL)
- RJ-ON-90/1- Aishwarya: Delay in Lower Fatehgarh polymer FDP completion. ESP, Jet Pump failure in few wells. (CEIL)
- RJ-ON-90/1- ABH: Delay in setting up permanent processing facility and COVID 19 also caused delay in hook-up of Pad-8 and Pad-3 planned in March end. (CEIL)
- RJ-ON-90/1- Satellite Fields: Failure or flow cease in few wells. (CEIL)
- AAP-ON-94/1: Low consumer demand- Covid -19 lockdown. (HOEC)
- CB-ONN-2003/1: Less offtake due to COVID-19 lockdown. (SUN)

2. Production of Natural Gas

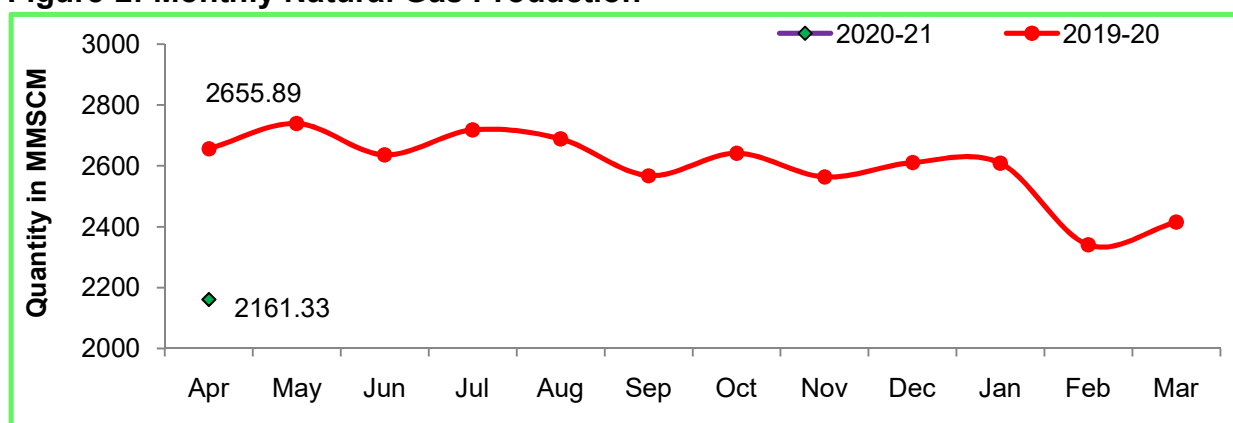
Natural gas production during April, 2020 was 2161.33 MMSCM which is 10.88% lower than the target for the month and 18.62 lower when compared with actual production in April, 2019. Unit-wise and state-wise natural gas production is given at **Annexure-II**. Unit-wise natural gas production for the month of April, 2020 vis-à-vis April, 2019 has been shown in **Table-2** and month-wise in **Figure-2**.

Table-2: Natural Gas Production (MMSCM)

Oil Company	Target	April (Month)			
		2020-21		2019-20	% over last year
		Target	Prod.*	Prod.	
ONGC	24437.08	1977.42	1725.69	2037.71	84.69
OIL	3181.54	211.88	202.05	224.49	90.01
PSC Fields	6826.82	236.02	233.59	393.70	59.33
Total	34445.44	2425.32	2161.33	2655.89	81.38

Note: 1. Target for the year 2020-21 is provisional, subject to finalization. *: Provisional
2. Totals may not tally due to rounding off.

Figure-2: Monthly Natural Gas Production



2.1 Natural gas production by **ONGC** in the nomination block during April, 2020 was 1725.69 MMSCM which is 12.73% lower than the monthly target and 15.31% lower when compared with actual production in April, 2019. The shortfall in gas production is primarily due to less gas off take by consumers due to Covid-19 lockdown.

2.2 Natural gas production by **OIL** in the nomination block during April, 2020 was 202.05 MMSCM which is 4.64% lower than the monthly target and 9.99 lower when compared with actual production in April, 2019. Reasons for shortfall in production are as under:

- Loss of potential in Deohal area due to presence of CO₂ in production stream.
- Less gas off take by consumers due to Covid-19 lockdown.

2.3 Natural gas production by **Pvt/JVs** in PSC regime during April, 2020 was 233.59 MMSCM which is 1.03% lower than the monthly target and 40.67% lower when compared with actual production in April, 2019. The shortfall in gas production is primarily due to less gas off take by consumers due to Covid-19 lockdown.

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

Refinery production during April, 2020 was 14745.18 TMT which is 22.01% lower than the target for the month and 28.78% lower when compared with actual production in April, 2019. Unit-wise production is given at **Annexure-III**. Company-wise production for the month of April, 2020 vis-à-vis same period of last year has been shown in **Table-3** and month-wise in **Figure-3**.

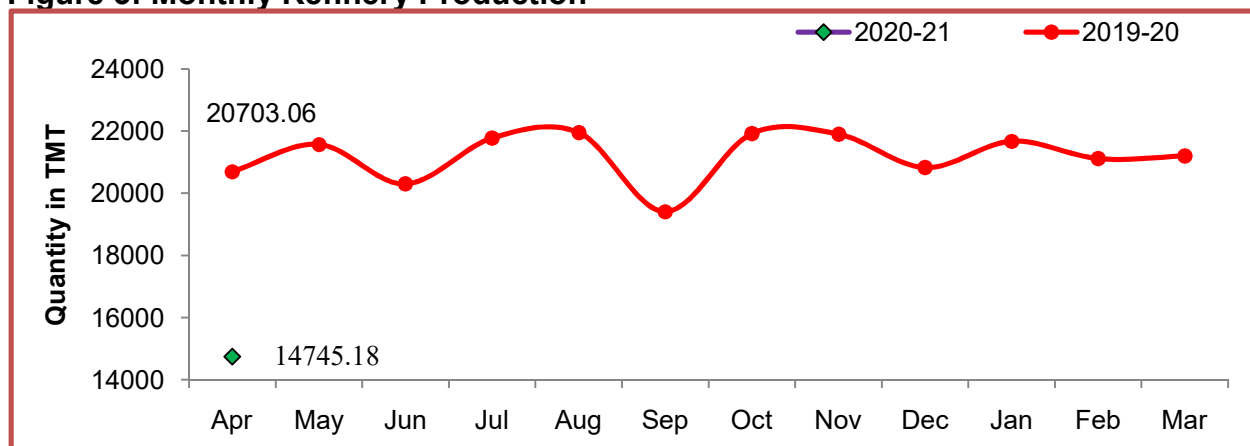
Table 3: Refinery Production (TMT)

Oil Company	Target 2020-21 (Apr-Mar)	April (Month)			
		2020-21		2019-20	% over last year
		Target	Prod.*	Prod.	
CPSE	148031.12	9992.36	7103.76	11263.33	63.07
IOCL	72499.86	4674.14	3046.13	5534.44	55.04
BPCL	30499.95	2584.42	1583.76	2573.24	61.55
HPCL	17867.47	1506.38	1323.97	1089.86	121.48
CPCL	9000.00	300.00	307.60	839.91	36.62
NRL	2700.00	222.00	169.73	240.70	70.52
MRPL	15400.00	700.00	670.65	978.99	68.50
ONGC	63.83	5.42	1.92	6.19	30.98
JVs	14772.00	1197.00	925.13	1721.66	53.74
BORL	7800.00	640.00	332.28	671.06	49.52
HMEL	6972.00	557.00	592.85	1050.60	56.43
Private	89515.16	7718.08	6716.28	7718.08	87.02
RIL	68894.99	6006.00	5314.49	6006.00	88.49
NEL	20620.18	1712.08	1401.79	1712.08	81.88
TOTAL	252318.28	18907.44	14745.18	20703.06	71.22

Note: 1. Target for the year 2020-21 is provisional, subject to finalization. *: Provisional

2. Totals may not tally due to rounding off.

Figure 3: Monthly Refinery Production



3.1 CPSE Refineries' production during April, 2020 was 7103.76 TMT which is 28.91% lower than the target for the month and 36.93% lower than the production achieved in the corresponding month of last year. Reasons for shortfall of refinery production in some CPSE refineries are as under:

- ❖ IOCL, Guwahati: BS VI shutdown deferment.
- ❖ IOCL-Barauni, Gujarat, Haldia, Matura, Panipat and Paradip: Lower due to low demand due to COVID-19 lockdown.
- ❖ IOCL-Bongaigaon: Deferment of plan shutdown.
- ❖ BPCL, Mumbai & Kochi: Lower due to low demand and COVID-19 lockdown.
- ❖ HPCL, Mumbai & Visakh: Lower due to impact of COVID-19 lockdown.
- ❖ CPCL, Manali: Lower due to low demand due to COVID-19 lockdown.

3.2 Production in JV refineries during April, 2020 were 925.13 TMT which is 22.71% lower than the target for the month and 46.26% lower than the production achieved in the corresponding month of last year. Reasons for shortfall in production mainly include low demand due to COVID-19 lockdown.

3.3 Production in private refineries during April, 2020 was 6716.28 TMT which is lower than the target for the month and when compared with April, 2019 by 12.98% and 12.98 % respectively.

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

MINISTRY OF PETROLEUM & NATURAL GAS
Crude Oil Production during the month of April, 2020

Annexure-I (Para 1)

(Figures in TMT)

Name of Undertaking/Unit/State	Planned production during the month ²	Production during the		% variation during the month under review over last year's production in corresponding month	% variation during the month under review over planned production
		Month under review *	Corresponding month of last year **		
(1)	(2)	(3)	(4)	(5)	(6)
1. ONGC	1692.83	1681.77	1690.78	-0.53	-0.65
Onshore	483.85	482.02	503.69	-4.30	-0.38
Andhra Pradesh	16.87	14.53	19.65	-26.05	-13.89
Assam ^	77.93	79.62	79.26	0.45	2.18
Gujarat	365.59	362.15	377.94	-4.18	-0.94
Tamil Nadu	23.46	25.72	26.85	-4.21	9.62
Offshore	1208.98	1199.74	1187.09	1.07	-0.76
Eastern Offshore	1.32	1.19	1.57	-24.16	-10.10
Western Offshore	1093.66	1105.42	1074.78	2.85	1.07
Condensates	113.99	93.14	110.73	-15.89	-18.30
2. OIL (Onshore)	250.52	248.25	265.21	-6.39	-0.90
Assam	247.76	245.22	262.91	-6.73	-1.03
Arunachal Pradesh	2.18	2.24	1.78	25.74	2.57
Rajsthan (heavy oil)	0.58	0.80	0.52	54.13	39.05
3. Private / JVC	639.68	615.80	762.55	-19.25	-3.73
Onshore	559.09	514.20	631.11	-18.52	-8.03
Andhra Pradesh	4.35	3.89	0.91	328.08	-10.69
Arunachal Pradesh	2.45	2.56	2.69	-4.90	4.46
Assam	3.10	1.28	2.74	-53.35	-58.65
Gujarat	13.72	9.00	10.20	-11.77	-34.43
Rajasthan	528.57	490.56	607.33	-19.23	-7.19
Tamil Nadu	6.90	6.92	7.24	-4.41	0.28
Offshore	80.59	101.59	131.44	-22.71	26.06
Eastern Offshore	54.41	73.61	43.73	68.34	35.29
Gujarat Offshore	26.18	27.98	56.09	-50.11	6.89
Western Offshore	0.00	0.00	31.62	-	-
GRAND TOTAL (1+2+3)	2583.03	2545.81	2718.55	-6.35	-1.44
Onshore	1293.46	1244.48	1400.02	-11.11	-3.79
Offshore	1289.57	1301.34	1318.53	-1.30	0.91

Note:

*: Provisional.

**: Revised

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

2. Target for the month of April, 2020 as per input received from Oil Companies and Annual Target are under finalization.

Reasons for shortfall are indicated in the note.

MINISTRY OF PETROLEUM & NATURAL GAS

Annexure-II (Para 2)

Natural Gas Production during the month of April, 2020

(Qty: Million Cubic Meters)

Name of Undertaking/Unit/State	Planned production during the month*	Production during the		% variation during the month under review over last year's production in corresponding month	% variation during the month under review over planned production
		Month under review *	Corresponding month of last year **		
(1)	(2)	(3)	(4)	(5)	(6)
1. ONGC	1977.42	1725.69	2037.71	-15.31	-12.73
Onshore	408.52	387.52	455.76	-14.97	-5.14
Andhra Pradesh	73.90	66.82	78.86	-15.27	-9.59
Assam	34.84	33.87	37.76	-10.28	-2.76
Gujarat	88.84	85.73	108.55	-21.02	-3.50
Rajasthan	0.58	0.00	0.00	-	-
Tamil Nadu	84.55	64.96	98.50	-34.05	-23.17
Tripura	125.82	136.15	132.10	3.06	8.21
Offshore	1568.89	1338.17	1581.95	-15.41	-14.71
Eastern Offshore	113.28	40.59	78.82	-48.50	-64.17
Western Offshore	1455.61	1297.58	1503.13	-13.67	-10.86
2. OIL	211.88	202.05	224.49	-9.99	-4.64
Assam	188.86	177.65	203.00	-12.48	-5.93
Arunachal Pradesh	3.30	4.43	1.33	233.33	34.30
Rajasthan	19.73	19.97	20.16	-0.97	1.21
3. Private / JVC	236.02	233.59	393.70	-40.67	-1.03
Onshore	118.67	139.20	144.24	-3.50	17.30
Andhra Pradesh	1.68	1.38	0.40	249.62	-17.63
Arunachal Pradesh	0.12	0.41	0.62	-34.78	229.13
Assam	32.28	13.33	26.73	-50.13	-58.71
Gujarat	6.81	3.37	5.21	-35.27	-50.50
Rajasthan	74.98	117.92	109.00	8.18	57.27
Tamil Nadu	2.80	2.79	2.28	22.07	-0.43
CBM	56.22	50.38	54.35	-7.31	-10.39
Jharkhand (CBM)	0.60	0.05	0.35	-86.29	-92.00
Madhya Pradesh (CBM)	26.68	28.69	27.88	2.93	7.55
West Bengal (CBM)	28.94	21.64	26.13	-17.18	-25.23
Offshore	61.13	44.01	195.10	-77.44	-28.00
Eastern Offshore	54.77	37.44	85.07	-55.98	-31.63
Gujarat Offshore	6.36	6.57	16.19	-59.45	3.24
Western Offshore	0.00	0.00	93.84	-	-
TOTAL (1+2+3)	2425.32	2161.33	2655.89	-18.62	-10.88
CBM	56.22	50.38	54.35	-7.31	-10.39
Onshore	739.08	728.77	824.49	-11.61	-1.39
Offshore	1630.02	1382.18	1777.04	-22.22	-15.20

Note:

*: Provisional.

**: Revised

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

2. Target for the month of April, 2020 as per input received from Oil Companies and Annual Target are under finalization.

Reasons for shortfall are indicated in the note.

MINISTRY OF PETROLEUM & NATURAL GAS

Annexure-III (Para 3)

Crude Oil Processed during the month of April, 2020

(Qty: '000' Tonnes)

Name of Undertaking/Unit	Planned production during the month*	Production during the		% variation during the month under review over last year's production in corresponding month	% variation during the month under review over planned production
		Month under review *	Corresponding month of last year		
(1)	(2)	(3)	(4)	(5)	(6)
A. Public Sector	9992.36	7103.76	11263.33	-36.93	-28.91
1. IOC, Guwahati	51.08	0.00	74.71	-	-
2. IOC, Barauni	540.00	246.53	568.62	-56.64	-54.35
3. IOC, Gujarat	654.99	578.31	637.66	-9.31	-11.71
4. IOC, Haldia	705.34	305.30	684.22	-55.38	-56.72
5. IOC, Mathura	592.00	505.72	847.24	-40.31	-14.58
6. IOC, Digboi	49.00	53.56	52.16	2.68	9.31
7. IOC, Panipat	1189.99	457.24	1154.68	-60.40	-61.58
8. IOC, Bongaigaon	213.74	174.22	198.33	-12.16	-18.49
9. IOC, Paradip	678.00	725.26	1316.82	-44.92	6.97
Total IOC	4674.14	3046.13	5534.44	-44.96	-34.83
10. BPCL, Mumbai	1199.50	768.43	1122.34	-31.53	-35.94
11. BPCL, Kochi	1384.92	815.33	1450.90	-43.81	-41.13
Total BPCL	2584.42	1583.76	2573.24	-38.45	-38.72
12. HPCL, Mumbai	702.00	549.48	306.99	78.99	-21.73
13. HPCL, Visakh	804.38	774.49	782.88	-1.07	-3.72
Total HPCL	1506.38	1323.97	1089.86	21.48	-12.11
14. CPCL, Manali	300.00	307.60	839.91	-63.38	2.53
15. CPCL, CBR	0.00	0.00	0.00	-	-
Total CPCL	300.00	307.60	839.91	-63.38	2.53
16. NRL, Numaligarh	222.00	169.73	240.70	-29.48	-23.54
17. MRPL, Mangalore	700.00	670.65	978.99	-31.50	-4.19
18. ONGC, Tatipaka	5.42	1.92	6.19	-69.02	-64.62
B. Joint Venture	1197.00	925.13	1721.66	-46.26	-22.71
19. BORL, Bina	640.00	332.28	671.06	-50.48	-48.08
20. HMEL, GGSRL, Bhatinda	557.00	592.85	1050.60	-43.57	6.44
C. Private Sector	7718.08	6716.28	7718.08	-12.98	-12.98
21. RIL, Jamnagar	2825.31	2791.97	2825.31	-1.18	-1.18
22. RIL, SEZ	3180.69	2522.52	3180.69	-20.69	-20.69
Total RIL	6006.00	5314.49	6006.00	-11.51	-11.51
23. NEL, Vadinar	1712.08	1401.79	1712.08	-18.12	-18.12
TOTAL(A+B+C)	18907.44	14745.18	20703.06	-28.78	-22.01

Note:

*: Provisional.

** : Revised

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

2. Target for the month of April, 2020 as per input received from Oil Companies and Annual Target are under finalization.

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 April, 2020

(Qty: '000' Tonnes)

Name of Undertaking/Unit	April, 2020			April, 2019		
	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)
A. Public Sector	11718.00	7103.76	60.62	11645.00	11263.33	96.72
1. IOC, Guwahati	82.00	0.00	0.00	82.00	74.71	91.11
2. IOC, Barauni	493.00	246.53	50.01	492.00	568.62	115.57
3. IOC, Gujarat	1126.00	578.31	51.36	1123.00	637.66	56.78
4. IOC, Haldia	658.00	305.30	46.40	615.00	684.22	111.26
5. IOC, Mathura	658.00	505.72	76.86	656.00	847.24	129.15
6. IOC, Digboi	53.00	53.56	101.06	53.00	52.16	98.42
7. IOC, Panipat	1233.00	457.24	37.08	1230.00	1154.68	93.88
8. IOC, Bongaigaon	193.00	174.22	90.27	193.00	198.33	102.76
9. IOC, Paradip	1233.00	725.26	58.82	1230.00	1316.82	107.06
Total IOC	5729.00	3046.13	53.17	5672.00	5534.44	97.57
10. BPCL, Mumbai	986.00	768.43	77.93	984.00	1122.34	114.06
11. BPCL, Kochi	1274.00	815.33	64.00	1270.00	1450.90	114.24
Total BPCL	2260.00	1583.76	70.08	2254.00	2573.24	114.16
12. HPCL, Mumbai	616.00	549.48	89.20	615.00	306.99	49.92
13. HPCL, Visakh	682.00	774.49	113.56	680.00	782.88	115.13
Total HPCL	1299.00	1323.97	101.92	1295.00	1089.86	84.16
14. CPCL, Manali	863.00	307.60	35.64	861.00	839.91	97.55
15. CPCL, CBR^	82.00	0.00	-	82.00	0.00	0.00
Total CPCL	945.00	307.60	32.55	943.00	839.91	89.07
16. NRL, Numaligarh	247.00	169.73	68.72	246.00	240.70	169.73
17. MRPL, Mangalore	1233.00	670.65	54.39	1230.00	978.99	79.59
18. ONGC, Tatipaka	5.00	1.92	38.36	5.00	6.19	123.84
B. Joint Venture	1570.00	925.13	58.93	1566.00	1721.66	109.94
19. BORL, Bina	641.00	332.28	51.84	639.00	671.06	105.02
20. HMEL, GGSR, Bhatinda	929.00	592.85	63.82	926.00	1050.60	113.46
C. Private Sector	7249.00	6716.28	92.65	7230.00	7718.08	106.75
21. RIL, Jamnagar	2712.00	2791.97	102.95	2705.00	2825.31	104.45
22. RIL, SEZ	2893.00	2522.52	87.19	2885.00	3180.69	110.25
Total RIL	5605.00	5314.49	94.82	5590.00	6006.00	107.44
23. NEL, Vadinar	1644.00	1401.79	85.27	1639.00	1712.08	104.46
TOTAL(A+B+C)	20537.00	14745.18	71.80	20440.00	20703.06	101.29

Note: Crude thruput in terms of crude oil processed.

*: Provisional.

**: Revised

^: CPCL CBR refinery is under shutdown from 01.04.2020 due to limitation in meeting required Product specifications with the existing configuration.

MINISTRY OF PETROLEUM & NATURAL GAS

Annexure-IV (Para 3.4)

Production of Petroleum Products during the month of April, 2020

(Qty: '000' Tonnes)

Name of Undertaking/Unit	Planned production during the month*	Production during the		% variation during the month under review over last year's production in corresponding month	% variation during the month under review over planned production
		Month under review *	Corresponding month of last year		
(1)	(2)	(3)	(4)	(5)	(6)
A. Public Sector	9484.09	6621.07	10572.52	-37.37	-30.19
1. IOC, Guwahati	50.54	7.73	100.46	-92.31	-84.71
2. IOC, Barauni	520.41	238.59	534.12	-55.33	-54.15
3. IOC, Gujarat	656.14	534.54	474.14	12.74	-18.53
4. IOC, Haldia	649.42	262.23	624.60	-58.02	-59.62
5. IOC, Mathura	577.02	485.66	812.37	-40.22	-15.83
6. IOC, Digboi	44.17	49.42	53.78	-8.10	11.90
7. IOC, Panipat	1232.27	521.57	1174.52	-55.59	-57.67
8. IOC, Bongaigaon	144.64	168.34	201.06	-16.27	16.39
9. IOC, Paradip	599.96	620.71	1208.22	-48.63	3.46
Total IOC	4474.56	2888.78	5183.27	-44.27	-35.44
10. BPCL, Mumbai	1177.65	745.72	1090.83	-31.64	-36.68
11. BPCL, Kochi	1292.84	735.12	1325.27	-44.53	-43.14
Total BPCL	2470.50	1480.85	2416.10	-38.71	-40.06
12. HPCL, Mumbai	645.22	537.54	284.28	89.09	-16.69
13. HPCL, Visakh	743.25	731.33	716.89	2.01	-1.60
Total HPCL	1388.47	1268.87	1001.18	26.74	-8.61
14. CPCL, Manali	262.76	247.97	785.38	-68.43	-5.63
15. CPCL, CBR	0.00	0.00	0.88	-	-
Total CPCL	262.76	247.97	786.26	-68.46	-5.63
16. NRL, Numaligarh	218.71	171.74	219.72	-21.84	-21.47
17. MRPL, Mangalore	664.00	560.99	960.15	-41.57	-15.51
18. ONGC, Tatipaka	5.10	1.87	5.83	-67.91	-63.30
B. Joint Venture	1100.92	826.14	1611.58	-48.74	-24.96
19. BORL, Bina	570.92	231.70	605.69	-61.75	-59.42
20. HMEL, GGS, Bhatinda	530.00	594.44	1005.88	-40.90	12.16
C. Private Sector	8444.95	8216.52	8444.95	-2.70	-2.70
21. RIL, Jamnagar	2931.62	3195.12	2931.62	8.99	8.99
22. RIL, SEZ	3859.26	3573.87	3859.26	-7.39	-7.39
Total RIL	6790.88	6768.99	6790.88	-0.32	-0.32
23. EOL, Vadinar	1654.07	1447.54	1654.07	-12.49	-12.49
TOTAL REFINERY (A+B+C)	19029.95	15663.73	20629.04	-24.07	-17.69
ONGC	279.21	216.09	300.55	-28.10	-22.61
GAIL	77.29	77.30	112.35	-31.20	0.00
OIL	2.90	2.69	3.17	-15.20	-7.24
D. Total Fractionators	359.40	296.08	416.08	-28.84	-17.62
Grand Total (A+B+C+D)	19389.35	15959.81	21045.12	-24.16	-17.69

Note:

*: Provisional.

**: Revised

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

2. Target for the month of April, 2020 as per input received from Oil Companies and Annual Target are under finalization.

Reasons for shortfall are indicated in the note.