



Petroleum Planning & Analysis Cell

Monthly Report on Natural gas production, availability and consumption - March, 2017

1. Highlights of the report for the month of March, 2017 and for the year 2016-17 are as follows:

- Gross production for the month of March 2017 was 2750.29 MMSCM which increased by 8.29 % over the corresponding month of the previous year. Domestic natural gas production was lower by 1.09% for the current financial year 2016-17 in comparison to the previous year 2015-16.
- Total import of LNG for the month of March 2017 was 2154.82 MMSCM which was an increase of 10.04% over the corresponding month of the previous year. Overall LNG Imports increased by 3376.98 MMSCM in the financial year 2016-17 which was 15.85% higher as compared to the previous year 2015-16.
- Total consumption for the month of March 2017 was 4317.44 MMSCM which was an increase of approximately 10.11 % over the corresponding month of the previous year. Total natural gas consumption (net production + LNG import) was higher by 6.57% for the financial year 2016-17 in comparison to the previous year 2015-16.
- Total consumption by fertilizer, power, petrochemicals, sponge iron, refinery and other sectors for the month of March 2017 was 139.37 MMSCMD. As against a consolidated demand of 473 MMSCMD for the year 2016-17 the actual cumulative consumption was 139.12 MMSCMD.

2. Natural Gas production

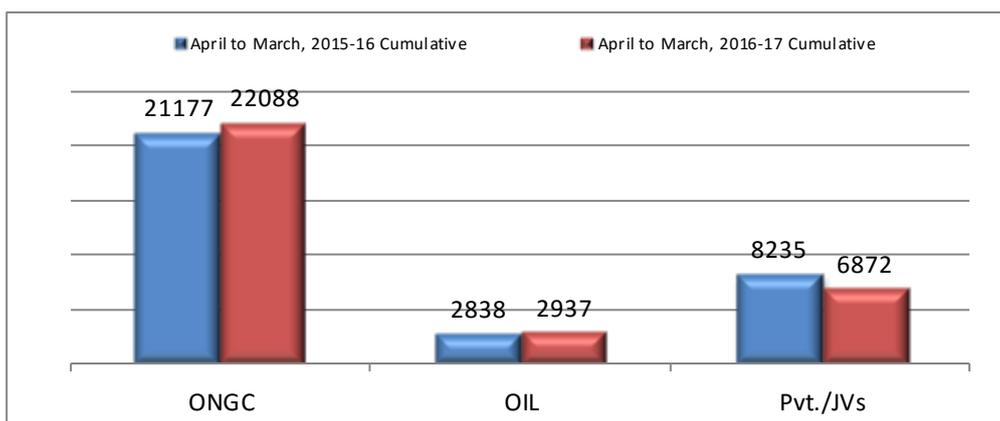
NG Producing Company	Qty.in MMSCM				
	March (Month)		April, 2016 to March, 2017 (Cumulative)		
	2015-16	2016-17(P)	2015-16	2016-17 (P)	Change %
ONGC	1642.76	1972.33	21176.62	22087.98	4.30%
OIL	253.68	251.03	2837.94	2936.56	3.48%
Pvt./ JVs	643.21	526.93	8234.62	6872.13	-16.55%
Total	2539.65	2750.29	32249.18	31896.67	-1.09%

Note : Current financial year figures are provisional.

- Source: Oil and Gas producing companies and DGH
- MMSCM: Million Standard Cubic Meter

2.1 Gross production for the month of March, 2017 was 2750.29 MMSCM which was higher by 210.64 MMSCM (8.29%) over the corresponding month of the previous year.

2.2 Domestic natural gas production was lower by 1.09 % for the current financial year 2016-17 in comparison to the previous year 2015-16.



ONGC

ONGC's natural gas production in March, 2017 was 1972.33 MMSCM, which was higher by 329.57 MMSCM (20.06%) as compared to the corresponding month of the previous year. ONGC's annual gas production for the year 2016-17 was 4.30% higher compared to the gas production in 2015-16.

OIL

OIL's natural gas production in March, 2017 was 251.03 MMSCM which was lower by 2.65 MMSCM (1.04%) as compared to the corresponding month of the previous year. OIL's annual gas production for the year 2016-17 was 3.48 % higher compared to the gas production in 2015-16.

Private/JV fields

Natural gas production under Pvt./JV fields in March, 2017 had decreased to 526.93 MMSCM from 643.21 MMSCM (18.08%) in comparison to the corresponding month of the previous year. There was production fall in Krishna Godavari D6 block (KGD6), Panna-Mukta, M&S Tapti, Ravva and RJ-ON-90/1 fields. However there was also increase in production of KG-OSN-2001/3, Raniganj east and Raniganj south fields compared to the corresponding month of the previous year. Private/JV fields's annual gas production for the year 2016-17 was 16.55% lower compared to the gas production in 2015-16.

3. Natural Gas net availability

After flare, loss and internal consumption by gas producing companies, the net availability of gas for other value added products like fertilizer, petrochemicals, CGD, refinery etc. and for fuel was approximately 78.35% of the gross production.

NG producing Company	Qty. in MMSCM				
	March (Month)		April, 2016 to March, 2017 (Cumulative)		
	2015-16	2016-17 (P)	2015-16	2016-17(P)	Change %
ONGC	1211.10	1542.14	16076.12	17059.52	6.12%
OIL	211.16	206.95	2313.89	2412.09	4.24%
Pvt./ JVs.	540.51	413.53	6916.72	5520.38	-20.19%
Total	1962.77	2162.62	25306.73	24991.99	-1.25%

Note : Current financial year figures are provisional.

- Source: Oil and Gas producing companies and DGH
- MMSCM: Million Standard Cubic Meter.

- 3.1 Natural Gas net availability was higher by 10.18% in March, 2017 in comparison to the corresponding period of the previous year. However, Natural Gas net availability was lower by 1.25% for the financial year 2016-17 in comparison to the previous year 2015-16. The reason for lower availability of gas during the year 2016-17 was mainly due to lower production of natural gas by Pvt./JVs companies.

4. LNG imports

LNG is procured by Petronet LNG Ltd., GAIL (India) Ltd., Gujarat State Petroleum Corporation Ltd., Reliance Industries Ltd., Hazira LNG Pvt. Ltd., Indian Oil Corporation Ltd., Torrent Power Ltd. and Bharat Petroleum Corporation Ltd. Imports during the month of March, 2017 and progressive imports during the financial year 2015-16 and 2016-17 were as follows:

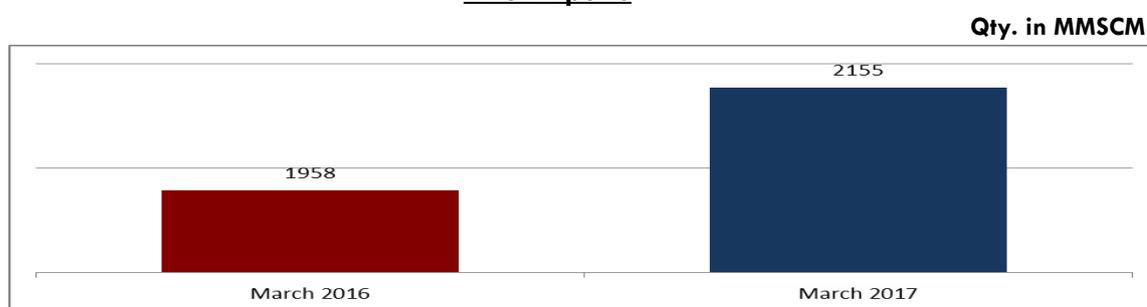
Qty. in MMSCM					
	March (Month)		April to March, 2016 (Cumulative) (P)		
	2015-16	2016-17(P)	2015-16	2016-17(P)	Change %
Total	1958.19	2154.82	21309.28	24686.26	15.85%

• Note : Current financial year figures are provisional

Source: LNG importing companies

- 4.1 Overall LNG imports increased by 3376.98 MMSCM in the financial year 2016-17 which was 15.85 % higher as compared to the previous year 2015-16.
- 4.2 LNG import for the month of March, 2017 increased by 196.63 MMSCM (10.04%) in comparison to the corresponding month of the previous year.
- 4.3 Around 56.48% of the total LNG import in March, 2017 was from Qatar, 15.59% from Singapore, 8.65% from Australia, 7.41% from Nigeria, 4.10% from Angola, 3.99% from USA and 3.80% from Oman.

LNG imports



5. Natural Gas consumption

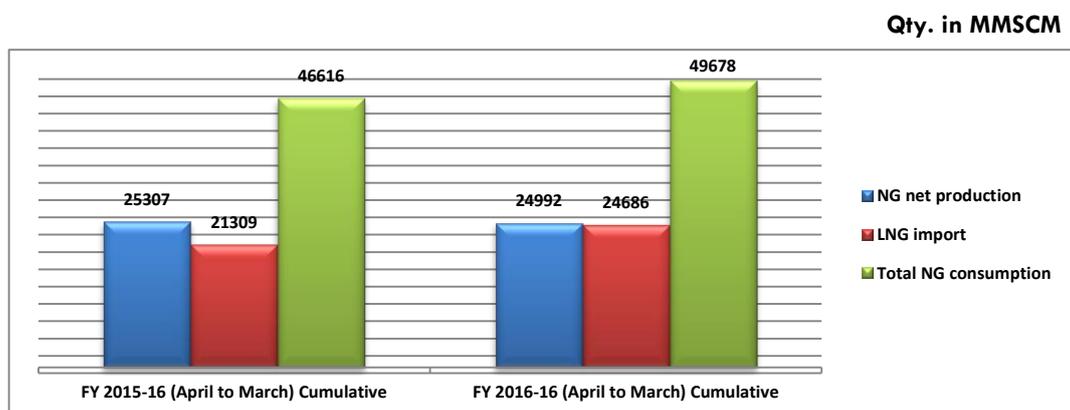
Qty. in MMSCM					
	March (Month)		April, 2016 to March, 2016 (Cumulative)		
	2015-16	2016-17 (P)	2015-16	2016-17 (P)	Change %
Net Natural gas production for sale (excluding flare, loss & internal consumption)	1962.77	2162.62	25306.73	24991.99	-1.25%
LNG import	1958.19	2154.82	21309.28	24686.26	15.85%
Total Natural gas consumption (Net NG production + LNG import)	3920.96	4317.44	46616.01	49678.25	6.57%

Note: Current financial year figures are provisional

Source: Oil and Gas producing companies, DGH and LNG importing companies.

- 5.1 Total natural gas consumption (net production + LNG import) was higher by 6.57 % for the financial year 2016- 2017 in comparison to the previous year 2015-16.
- 5.2 Total natural gas consumption (net production + LNG import) for the month of March, 2017 increased by 396.48 MMSCM (10.11%) in comparison to the corresponding month of the previous year.

Natural Gas Consumption



6. Sectoral Consumption of Natural Gas

Qty. in MMSCMD

Sector	Sectoral demand 2016-17*	Domestic gas consumption in March, 2017	R-LNG consumption in March, 2017	Total Consumption (Domestic gas +R- LNG March, 2017)
Fertilizer	113	20.49	20.89	41.38
Power	207	27.11	4.85	31.97
City Gas	46	12.17	9.02	21.19
Industrial	27	0.47	0.99	1.46
Petrochemicals/ Refineries/ Internal consumption/LPG Shrinkage/ Manufacture/ Miscellaneous	72	10.17	29.98	40.13
Sponge Iron/Steel	8	0.42	2.82	3.24
Total	473	70.83	68.55	139.37

*Source : Report of the Working Group on Petroleum and Natural Gas Sector for the 12th Five Year Plan for Sectoral Demand.

- Note : Consumption figures of some sectors have been grouped for comparison purpose.