



Petroleum Planning & Analysis Cell

Monthly Report on Natural gas production, availability and consumption - March, 2016

1. Highlights of the report for the month of March, 2016 are as follows:

- Gross production for the month of March 2016 was 2539.65 MMSCM which was decrease by 10.52 % over the corresponding month of the previous year.
- Total import of LNG for the month of March 2016 was 1958.19 MMSCM which was an increase of 58.31 % over the corresponding month of the previous year.
- Total consumption for the month of March 2016 was 3920.96 MMSCM which was increase of approximately 13.50 % over the corresponding month of the previous year.
- Total consumption by fertilizer, power, petrochemicals, sponge iron, refinery and other sectors for the month of March 2016 was 131.97 MMSCMD.

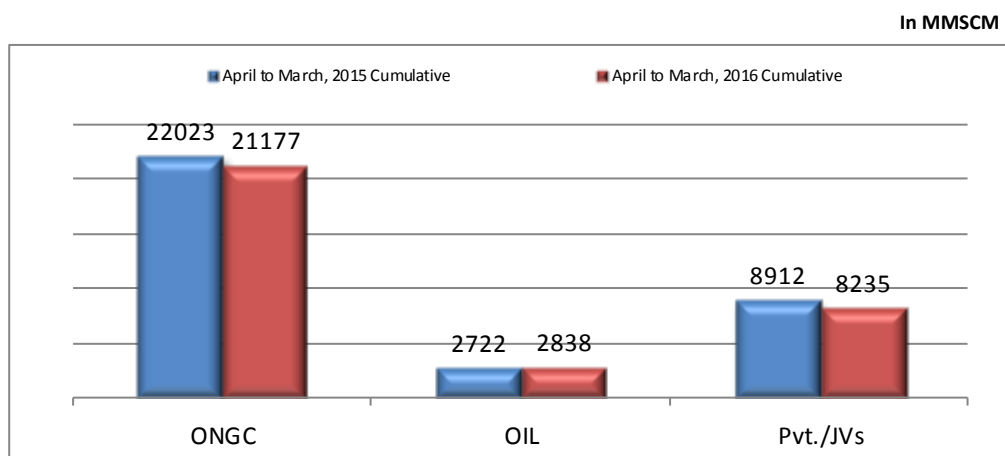
2. Natural Gas production

NG Producing Company	March (Month)		April to March, 2016 (Cumulative)		
	2014-15	2015-16(P)	2014-15	2015-16 (P)	Change %
ONGC	1870.82	1642.76	22023.28	21176.62	-3.84%
OIL	232.07	253.68	2722.21	2837.94	4.25%
Pvt./ JVs	735.35	643.21	8911.95	8234.62	-7.60%
Total	2838.24	2539.65	33657.44	32249.18	-4.18%

Note : Current financial year figures are provisional.

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

2.1 Domestic natural gas production was lower by 4.18 % for the current financial year 2015-16 in comparison to the corresponding previous year 2014-15.



ONGC

ONGC's natural gas production in March, 2016 was 1642.76 MMSCM, which was lower by 228.06 MMSCM (12.19%) as compared to the corresponding month of the previous year.

The reasons for shortfall in production were less production in Bassein field due to BPB shutdown for carrying out reconstruction activities under "Reconstruction of BPA & BPB Platforms" project. There was less production from new and marginal field in Mumbai High also.

The present tie in works for hooking of the well with G1 facilities in eastern offshore also contributed towards lower production as the tie in work is in progress for which both the sub-sea wells of G1 field are closed since 9th Mar'16. Closure of wells in Cauvery basin on account of less/ nil off-take by consumers (M/s TNEB) in Ramnad / Kovilkallapal area along with the less offtake by consumers in Rajasthan region was the reasons for lower production.

OIL

OIL's natural gas production in March, 2016 was 253.68 MMSCM which was higher by 21.61MMSCM (9.31%) as compared to the corresponding month of the previous year.

Private/JV fields

Natural gas production under Pvt./JV fields in March, 2016 had decreased to 643.21 MMSCM from 735.35 MMSCM (12.53%) in comparison to the corresponding month of the previous year. There was production fall in Krishna Godavari D6 block (KGD6), KG-OSN, M&S Tapti, Ravva and RJ-ON-6 fields. However there was also increase in production of Panna-Mukta, RJ-ON-90/1, Raniganj east and CB/OS2 fields compared to the corresponding month of the previous year.

3. Natural Gas net availability

Natural Gas producing companies use some quantity of gas for their own use as internal consumption while some quantity of gas is flared as a part of technical requirement. After flare, loss and internal consumption, the net availability of gas for other value added products like fertilizer, petrochemicals, CGD, refinery etc. and for fuel was approximately 78.57% of the gross production.

NG producing Company	Qty. in MMSCM				
	March (Month)		April to March,2016 (Cumulative)		
	2014-15	2015-16 (P)	2014-15	2015-16(P)	Change %
ONGC	1406.05	1211.10	16807.64	16076.12	-4.35%
OIL	184.18	211.16	2181.41	2313.89	6.07%
Pvt./ JVs.	627.33	540.51	7791.28	6916.72	-11.22%
Total	2217.56	1962.77	26780.33	25306.73	-5.50%

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 lower by 5.50% for the current financial year 2015- 2016 in comparison to the corresponding previous year 2014-15.
- 3.2 The reason for lower availability was mainly due to lower production of natural gas by domestic gas producing companies i.e. ONGC, OIL and 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. and Indian Oil Corporation Ltd.

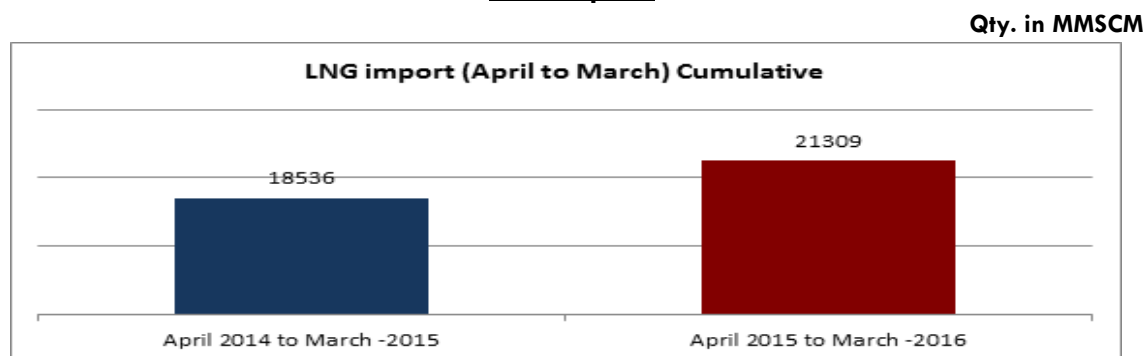
Qty. in MMSCM					
	March (Month)		April to March, 2016 (Cumulative) (P)		
	2014-15	2015-16(P)	2014-15	2015-16(P)	Change %
Total import	1236.90	1958.19	18535.73	21309.28	14.96%

• Note : Current financial year figures are provisional

Source: LNG importing companies

- 4.1 Overall LNG imports increased by 2773.55 MMSCM in the current financial year 2016-16 which was 14.96 % higher as compared to the corresponding previous year 2014-15.
- 4.2 LNG import for the month of March, 2016 increased by 721.29 MMSCM (58.31%) in comparison to the corresponding month of the previous year.

LNG imports



5. Natural Gas consumption

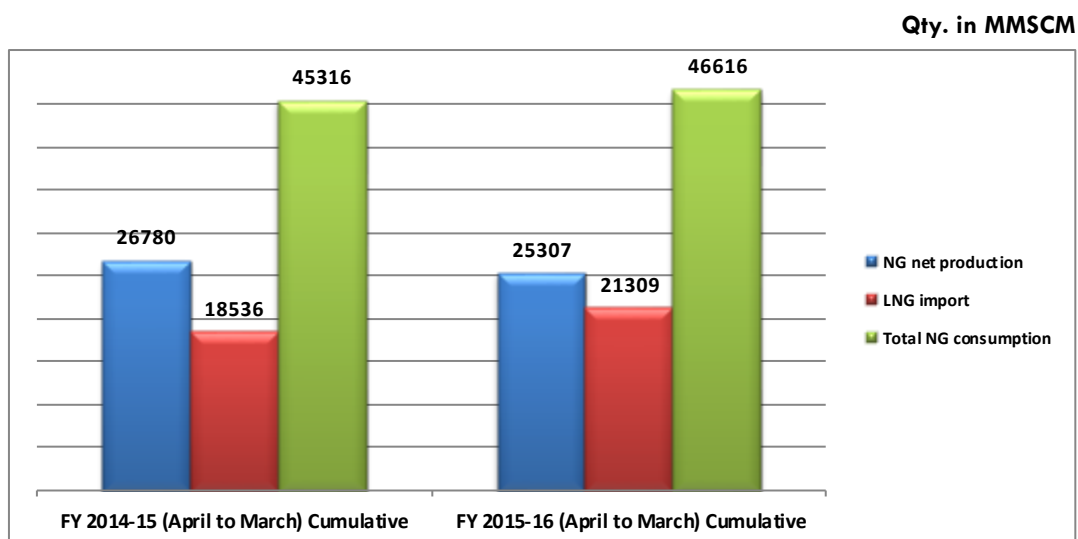
Qty. in MMSCM					
	March (Month)		April to March, 2016 (Cumulative)		
	2014-15	2015-16 (P)	2014-15	2015-16 (P)	Change %
Net Natural gas production for sale (excluding flare, loss & internal consumption)	2217.56	1962.77	26780.33	25306.73	-5.50%
LNG import	1236.90	1958.19	18535.73	21309.28	14.96%
Total Natural gas consumption (Net NG production + LNG import)	3454.46	3920.96	45316.06	46616.01	2.87%

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 2.87 % for the current financial year 2015- 2016 in comparison to the corresponding previous year 2014-15.
- 5.2 Total natural gas consumption (net production + LNG import) for the month of March, 2016 increased by 466.50 MMSCM (13.50%) in comparison to the corresponding month of the previous year.

Natural Gas Consumption



6. Sectoral Demand and Consumption of Natural Gas

Qty. in MMSCMD

Sector	Sectoral demand 2015-16*	Domestic gas consumption in March, 2016	R-LNG consumption in March, 2016	Total Consumption (Domestic gas +R- LNG) in March, 2016
Fertilizer	113	22.28	19.68	41.96
Power	189	21.71	11.59	33.29
City Gas	39	10.71	6.69	17.39
Industrial	25	0.51	0.81	1.32
Petrochemicals/ Refineries/ Internal consumption/LPG Shrinkage/ Manufacture/ Miscellaneous	72	8.78	28.49	37.29
Sponge Iron/Steel	8	00	0.72	0.72
Total	446	63.99	67.98	131.97

*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.

It may be seen that against a consolidated demand of 446 MMSCMD for the year 2015-16 consumption for the month of March, 2016 was 131.97 MMSCMD.
