



Petroleum Planning & Analysis Cell

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

1. Highlights of the report for the month of February, 2017 are as follows:

- Gross production for the month of February 2017 was 2522.54 MMSCM which decreased by 1.65% over the corresponding month of the previous year.
- Total import of LNG for the month of February 2017 was 2132.26 MMSCM which increased by 19.28 % over the corresponding month of the previous year.
- Total consumption for the month of February 2017 was 4129.59 MMSCM which was an increase of approximately 8.10 % over the corresponding month of the previous year.
- Total consumption by fertilizer, power, petrochemicals, sponge iron, refinery and other sectors for the month of February 2017 was 141.42 MMSCMD.

2. Natural Gas production

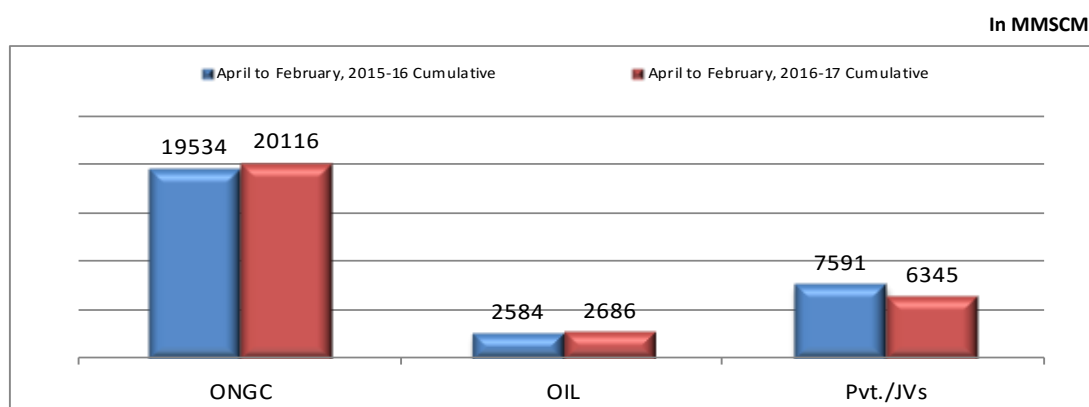
NG Producing Company	February (Month)		April to February (Cumulative)		
	2015-16(P)	2016-17(P)	2015-16(P)	2016-17 (P)	Change %
ONGC	1730.87	1773.12	19533.86	20115.67	2.97%
OIL	218.48	225.18	2584.25	2685.53	3.91%
Pvt./ JVs	615.66	524.24	7591.41	6345.20	-16.41%
Total	2565.01	2522.54	29709.52	29146.40	-1.89%

Note : Figures are provisional.

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

2.1 Gross production for the month of February, 2017 was 2522.54 MMSCM which was lower by 42.47 MMSCM (1.65%) over the corresponding month of the previous year.

2.2 Domestic natural gas production was lower by 1.89 % for the current financial year up to February, 2017 in comparison to the corresponding period of the previous year.



ONGC

ONGC's natural gas production in February, 2017 was 1773.12 MMSCM, which was higher by 42.25 MMSCM (2.44%) as compared to the corresponding month of the previous year.

OIL

OIL's natural gas production in February, 2017 was 225.18 MMSCM which was higher by 6.7 MMSCM (3.06%) as compared to the corresponding month of the previous year.

Private/JV fields

Natural gas production under Pvt./JV fields in February, 2017 had decreased to 524.24 MMSCM from 615.66 MMSCM (14.84%) in comparison to the corresponding month of the previous year. There was production fall in Krishna Godavari D6 block (KGD6), M&S Tapti, Panna-Mukta, Ravva and RJ-ON-6 and fields. However there was also increase in production in Raniganj east and south, KG-OSN-2001/3 and RJ-ON-90/1 fields compared to the corresponding month of the previous year.

3. Natural Gas net availability

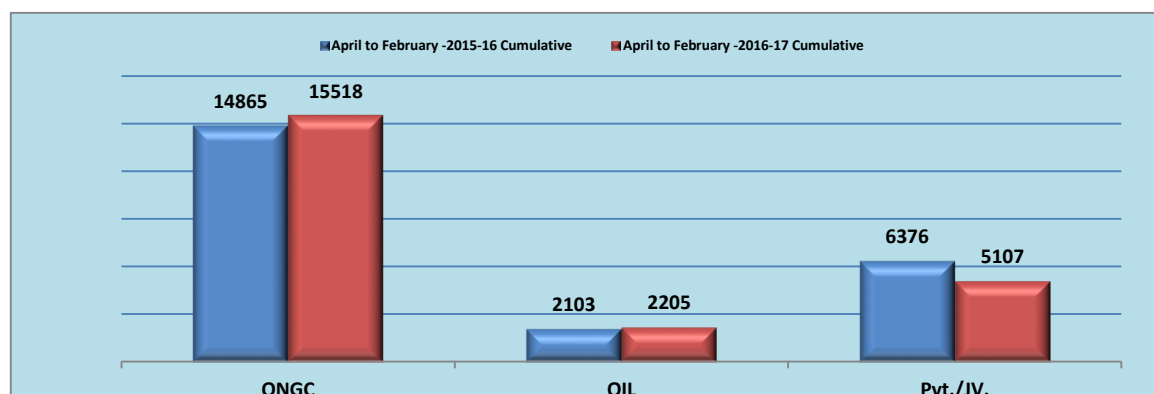
Natural Gas producing companies use some quantity of gas for their own use as internal consumption while some quantity of gas is flared as a part of technical requirement. After flare, loss and internal consumption by gas producing companies, the net availability of gas for other value added products like fertilizer, petrochemicals, CGD, refinery etc. and for fuel was approximately 78.32 % of the gross production during April, 2016 - February, 2017.

NG producing Company	February (Month)		April to February (Cumulative)		
	2015-16(P)	2016-17 (P)	2015-16(P)	2016-17(P)	Change %
ONGC	1334.78	1386.20	14865.02	15517.39	4.38%
OIL	179.55	182.29	2102.73	2205.13	4.86%
Pvt./ JVs.	518.07	428.84	6376.16	5106.84	-19.90%
Total	2032.40	1997.33	23343.91	22829.37	-2.20%

Note : 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 1.72 % in February, 2017 in comparison to the corresponding period of the previous year.



4. LNG imports

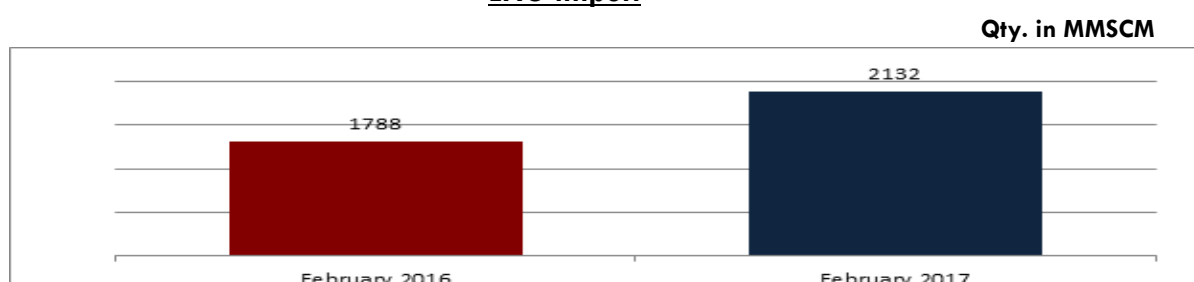
LNG is procured by Petronet LNG Ltd., GAIL (India) Ltd., Gujarat State Petroleum Corporation Ltd., Reliance Industries Ltd., Hazira LNG Pvt. Ltd., Indian Oil Corporation Ltd., Torrent Power Ltd. and Bharat Petroleum Corporation Ltd. Imports during the month and progressive imports during the year up to February were as follows:

Qty. in MMSCM					
	February (Month)		April to February (Cumulative)		
	2015-16(P)	2016-17 (P)	2015-16(P)	2016-17(P)	Change %
Total LNG import	1787.53	2132.26	19351.09	22531.44	16.43%
<i>Note : Figures are provisional</i>					

Source: LNG importing companies

- 4.1 Overall LNG imports increased by 3180.35 MMSCM in the current financial year up to February, 2017 which was 16.43% higher as compared to the corresponding period of the previous year.
- 4.2 LNG imports increased by 344.73 MMSCM in February, 2017 which was 19.28% higher as compared to the corresponding period of the previous year.
- 4.3 47.47% of the total LNG import in February, 2017 was from Qatar, 18.62% from Singapore, 10.60% from Australia, 4.23% from USA, 4.04% from UK, 3.86% from Oman, 3.78% from Trinidad & Tobago, 3.74% from Nigeria and 3.66% from UAE.

LNG import



5. Natural Gas consumption

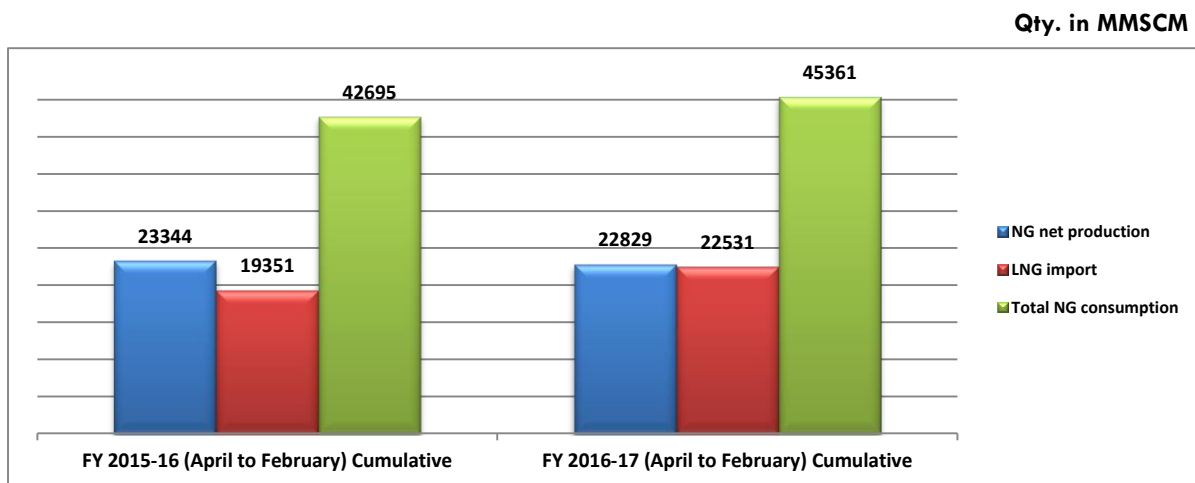
Qty. in MMSCM					
	February (Month)		April to February (Cumulative)		
	2015-16(P)	2016-17 (P)	2015-16(P)	2016-17 (P)	Change %
Net Natural gas production for sale (excluding flare, loss & internal consumption)	2032.40	1997.33	23343.91	22829.37	-2.20%
LNG import	1787.53	2132.26	19351.09	22531.44	16.43%
Total Natural gas consumption (Net NG production + LNG import)	3819.93	4129.59	42695.00	45360.81	6.24%
<i>Note: Figures are provisional</i>					

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

- 5.1 Total natural gas consumption (net production of domestic gas + LNG import) was higher by 6.24% for the current financial year up to February, 2017 in comparison to the corresponding period of the previous year.

5.2 Total natural gas consumption (net production of domestic gas + LNG import) for the month of February, 2017 increased by 309.66 MMSCM (8.10%) 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 2016-17*	Domestic gas consumption February, 2017	R-LNG consumption February, 2017	Total Consumption (Domestic gas+ R-LNG) February, 2017
Fertilizer	113	20.52	20.43	40.95
Power	207	26.87	4.93	31.80
City Gas	46	12.35	8.84	21.19
Industrial	27	0.56	2.00	2.56
Petrochem/ Refineries/ Internal consumption/LPG Shrinkage/Manufacture/ Miscellaneous	72	10.05	30.88	40.94
Sponge Iron/Steel	8	0.34	3.65	3.98
Total	473	70.69	70.73	141.42

*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 projected consolidated demand of 473 MMSCMD for the year 2016-17 the actual consumption in the month of February, 2017 was 141.42 MMSCMD.
