



## Petroleum Planning & Analysis Cell

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

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

- Gross production for the month of January 2017 was 2738.37 MMSCM which was an increase of 11.89% over the corresponding month of the previous year.
- Total import of LNG for the month of January 2017 was 1643.91 MMSCM which decreased by 14.69 % over the corresponding month of the previous year.
- Total consumption for the month of January 2017 was 3788.65 MMSCM which was a decrease of approximately 0.82 % over the corresponding month of the previous year.
- Total consumption by fertilizer, power, petrochemicals, sponge iron, refinery and other sectors for the month of January 2017 was 134.15 MMSCMD.

### 2. Natural Gas production

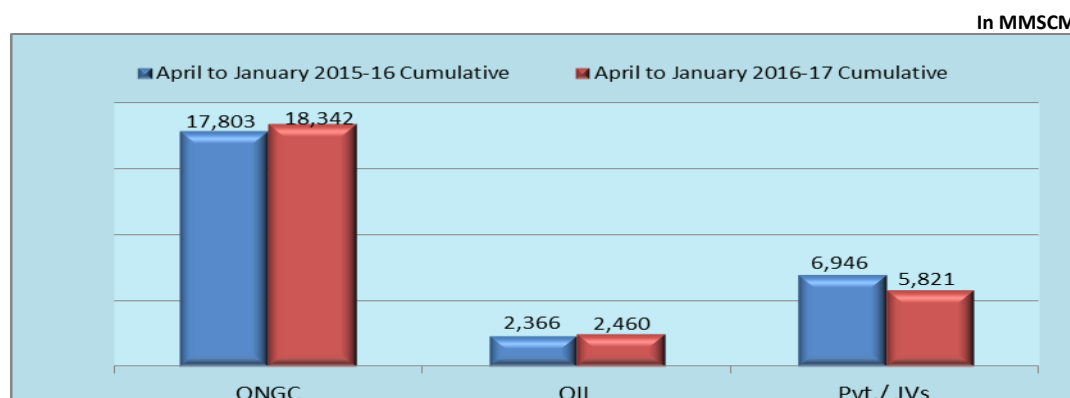
NG Producing Company	Qty.in MMSCM				
	January (Month)		April to January (Cumulative)		
	2015-16(P)	2016-17(P)	2015-16(P)	2016-17 (P)	Change %
<b>ONGC</b>	1530.86	1922.15	17802.99	18342.44	3.03%
<b>OIL</b>	245.72	248.79	2365.78	2460.35	4.00%
<b>Pvt./ JVs</b>	670.80	567.43	6945.74	5820.96	-16.19%
<b>Total</b>	<b>2447.38</b>	<b>2738.37</b>	<b>27114.52</b>	<b>26623.75</b>	<b>-1.81%</b>

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 January, 2017 was 2738.37 MMSCM which was higher by 290.99 MMSCM (11.89%) over the corresponding month of the previous year.

2.2 Domestic natural gas production was lower by 1.81 % for the current financial year up to January, 2017 in comparison to the corresponding period of the previous year.



## ONGC

ONGC's natural gas production in January, 2017 was 1922.15 MMSCM, which was higher by 391.29 MMSCM (25.56%) as compared to the corresponding month of the previous year.

## OIL

OIL's natural gas production in January, 2017 was 248.79 MMSCM which was higher by 3.07 MMSCM (1.25%) as compared to the corresponding month of the previous year.

## Private/JV fields

Natural gas production under Pvt./JV fields in January, 2017 had decreased to 567.43 MMSCM from 670.80 MMSCM (15.41%) 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, RJ-ON-6 and RJ-ON-90/1 fields. However there was also increase in production in Raniganj east and south, KG-OSN-2001/3 and CB-OS/2 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 78.25 % of the gross production during April, 2016 -January, 2017.

Qty. in MMSCM					
NG producing Company	January (Month)		April to January (Cumulative)		
	2015-16(P)	2016-17 (P)	2015-16(P)	2016-17(P)	Change %
ONGC	1127.57	1495.06	13530.24	14131.19	4.44%
OIL	203.97	202.00	1923.19	2022.85	5.18%
Pvt./ JVs.	561.37	447.68	5858.13	4678.00	-20.15%
<b>Total</b>	<b>1892.91</b>	<b>2144.74</b>	<b>21311.56</b>	<b>20832.04</b>	<b>-2.25%</b>

Note : 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 13.30 % in January, 2017 in comparison to the corresponding period of the previous year.

## 4. LNG imports

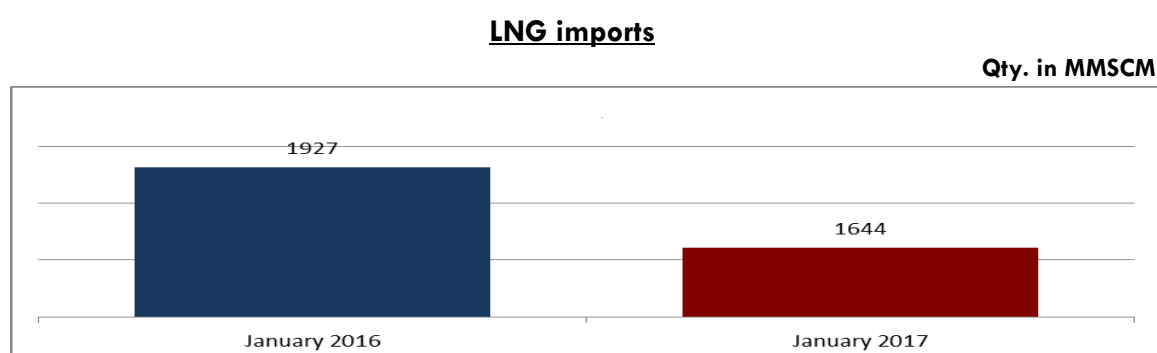
LNG is procured by Petronet LNG Ltd., GAIL (India) Ltd., Gujarat State Petroleum Corporation Ltd., Reliance Industries Ltd., Hazira LNG Pvt. Ltd., Indian Oil Corporation Ltd., Torrent Power Ltd. and Bharat Petroleum Corporation Ltd.

Qty. in MMSCM					
Total LNG import	January (Month)		April to January (Cumulative)		
	2015-16(P)	2016-17 (P)	2015-16(P)	2016-17(P)	Change %
<b>Total LNG import</b>	<b>1926.91</b>	<b>1643.91</b>	<b>17563.56</b>	<b>20399.18</b>	<b>16.14%</b>

Note : Figures are provisional

Source: LNG importing companies

- 4.1 Overall LNG imports increased by 2835.62 MMSCM in the current financial year up to January, 2017 which was 16.14% higher as compared to the corresponding period of the previous year.
- 4.2 LNG imports decreased by 283.00 MMSCM in January, 2017 which was 14.69% lower as compared to the corresponding period of the previous year.
- 4.3 51.87% of the total LNG import in January, 2017 was from Qatar, 14.88% from Singapore, 10.04% from Nigeria, 10.03% from Equatorial Guinea, 8.41% from Australia and 4.75% from Belgium.



## 5. Natural Gas consumption

	Qty. in MMSCM				
	January (Month)		April to January (Cumulative)		
	2015-16(P)	2016-17 (P)	2015-16(P)	2016-17 (P)	Change %
<b>Net Natural gas production for sale (excluding flare, loss &amp; internal consumption)</b>	<b>1892.91</b>	<b>2144.74</b>	<b>21311.56</b>	<b>20832.04</b>	<b>-2.25%</b>
<b>LNG import</b>	<b>1926.91</b>	<b>1643.91</b>	<b>17563.56</b>	<b>20399.18</b>	<b>16.14%</b>
<b>Total Natural gas consumption (Net NG production + LNG import )</b>	<b>3819.82</b>	<b>3788.65</b>	<b>38875.12</b>	<b>41231.22</b>	<b>6.06%</b>

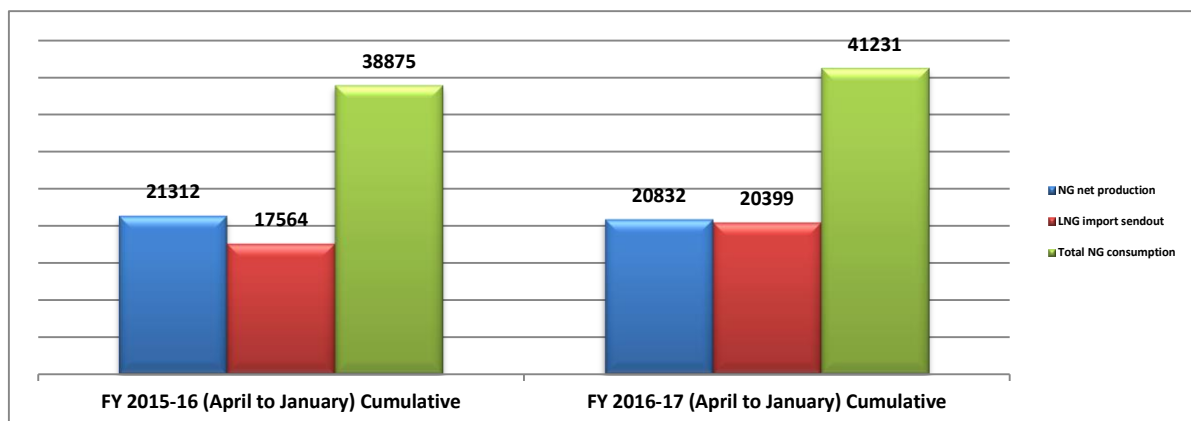
*Note: Figures are provisional*

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 6.06% for the current financial year up to January, 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 January, 2017 decreased by 31.17 MMSCM (0.82%) in comparison to the corresponding month of the previous year.

## Natural Gas Consumption

Qty. in MMSCM



### 6. Sectoral Demand and Consumption of Natural Gas

Sector	Sectoral demand 2016-17*	Domestic gas consumption January, 2017	Qty. in MMSCMD	
			R-LNG consumption January, 2017	Total Consumption (Domestic gas+ R-LNG) January, 2017
Fertilizer	113	18.82	21.04	39.86
Power	207	23.95	5.03	28.98
City Gas	46	12.15	8.06	20.20
Industrial	27	0.50	0.65	1.15
Petrochem/ Refineries/ Internal consumption/LPG Shrinkage/Manufacture/ Miscellaneous	72	9.09	30.90	40.01
Sponge Iron/Steel	8	0.30	3.65	3.95
<b>Total</b>	<b>473</b>	<b>64.81</b>	<b>69.33</b>	<b>134.15</b>

\*Source : Report of the Working Group on Petroleum and Natural Gas Sector for the 12<sup>th</sup> 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 January, 2017 was 134.15 MMSCMD.

\*\*\*\*\*