



## Petroleum Planning & Analysis Cell

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

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

- Gross production for the month of February 2016 was 2565.01 MMSCM which was an increase by 1.24 % over the corresponding month of the previous year.
- Total import of LNG for the month of February 2016 was 1787.53 MMSCM which was an increase of 62.48 % over the corresponding month of the previous year.
- Total consumption for the month of February 2016 was 3819.93 MMSCM which was increase of approximately 23.60 % 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 2016 was 139.03 MMSCMD.

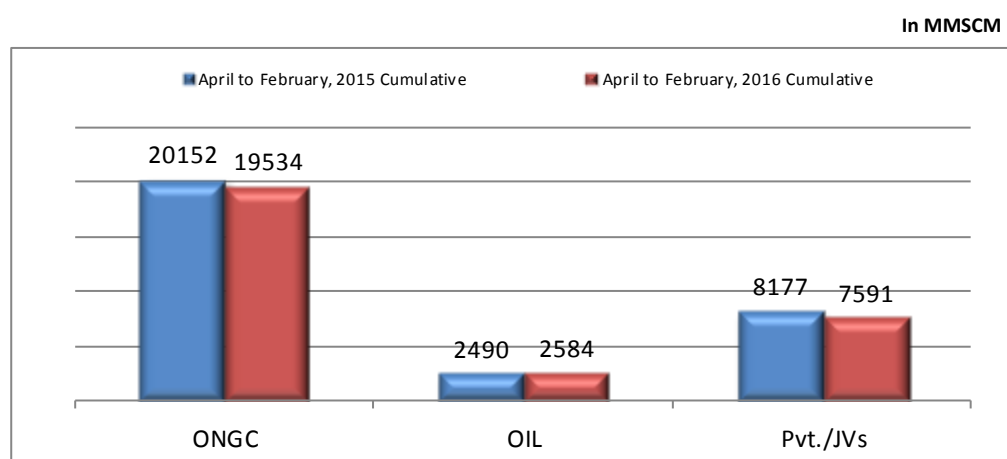
### 2. Natural Gas production

NG Producing Company	February (Month)		April to February, 2016 (Cumulative)		
	2014-15	2015-16(P)	2014-15	2015-16 (P)	Change %
<b>ONGC</b>	1657.07	1730.87	20152.46	19533.86	-3.07%
<b>OIL</b>	202.29	218.48	2490.14	2584.26	3.78%
<b>Pvt./ JVs</b>	674.17	615.66	8176.60	7591.40	-7.16%
<b>Total</b>	<b>2533.53</b>	<b>2565.01</b>	<b>30819.20</b>	<b>29709.52</b>	<b>-3.60%</b>

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 3.60 % for the current financial year up to February, 2016 in comparison to the corresponding period of the previous year.



## ONGC

ONGC's natural gas production in February, 2016 was 1730.87 MMSCM, which was higher by 73.80 MMSCM (4.45%) as compared to the corresponding month of the previous year.

## OIL

OIL's natural gas production in February, 2016 was 218.48 MMSCM which was higher by 16.19 MMSCM (8%) as compared to the corresponding month of the previous year.

## Private/JV fields

Natural gas production under Pvt./JV fields in February, 2016 had decreased to 615.66 MMSCM from 674.17 MMSCM (8.68%) 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	February (Month)		April to February, 2016 (Cumulative)		
	2014-15	2015-16 (P)	2014-15	2015-16(P)	Change %
ONGC	1251.54	1334.78	15401.59	14865.02	-3.48%
OIL	159.49	179.55	1997.22	2102.73	5.28%
Pvt./ JVs.	579.43	518.07	7163.95	6376.21	-11.00%
<b>Total</b>	<b>1990.46</b>	<b>2032.40</b>	<b>24562.76</b>	<b>23343.96</b>	<b>-4.96%</b>

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 4.96% for the current financial year up to February, 2016 in comparison to the corresponding period of the previous year.
- 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					
	February (Month)		April to February, 2016 (Cumulative) (P)		
	2014-15	2015-16(P)	2014-15	2015-16(P)	Change %
<b>Total Imports</b>	<b>1100.15</b>	<b>1787.53</b>	<b>17298.82</b>	<b>19563.17</b>	<b>13.09%</b>

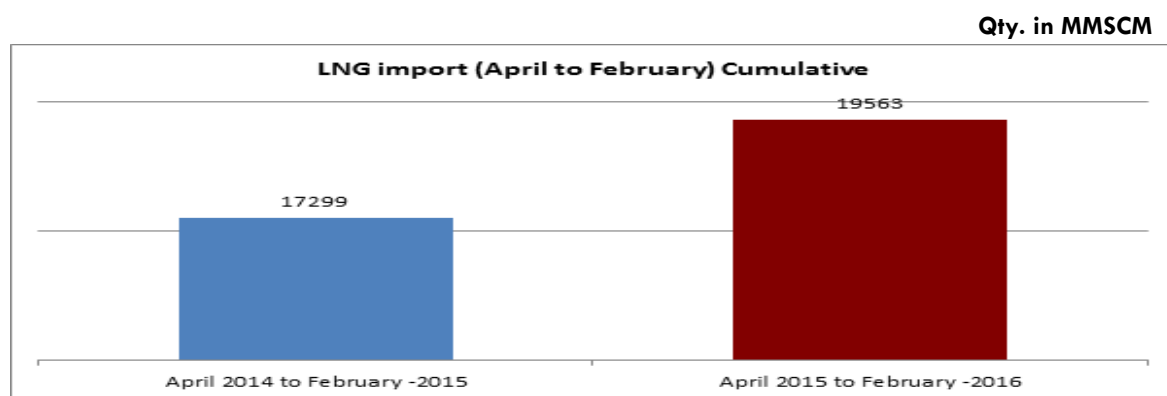
• Note : Current financial year figures are provisional

Source: LNG importing companies

4.1 The overall LNG imports increased by 2264.35 MMSCM in the current financial year up to February, 2016 which was 13.09 % higher as compared to the corresponding period of the previous year.

4.2 LNG import for the month of February, 2016 increased by 687.38 MMSCM (62.48%) in comparison to the corresponding month of the previous year.

#### LNG imports



#### 5. Natural Gas consumption

Qty. in MMSCM					
	February (Month)		April to February, 2016 (Cumulative)		
	2014-15	2015-16 (P)	2014-15	2015-16 (P)	Change %
<b>Net Natural gas production for sale (excluding flare, loss &amp; internal consumption)</b>	<b>1990.46</b>	<b>2032.40</b>	<b>24562.76</b>	<b>23343.96</b>	<b>-4.96%</b>
<b>LNG import</b>	<b>1100.15</b>	<b>1787.53</b>	<b>17298.82</b>	<b>19563.87</b>	<b>13.09%</b>
<b>Total Natural gas consumption (Net NG production + LNG import)</b>	<b>3090.61</b>	<b>3819.93</b>	<b>41861.58</b>	<b>42907.83</b>	<b>2.50%</b>

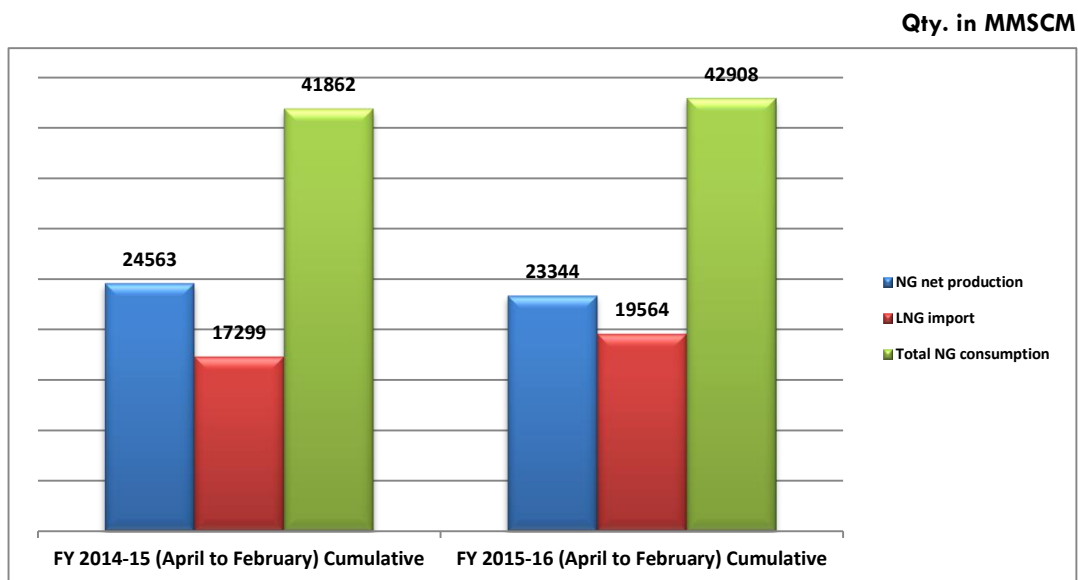
Note: Current financial year figures are provisional

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

5.1 Total natural gas consumption (net production + LNG import) was higher by 2.5 % for the current financial year up to February, 2016 in comparison to the corresponding period of the previous year.

- 5.2 Total natural gas consumption (net production + LNG import) for the month of February, 2016 increased by 729.32 MMSCM (23.60%) in comparison to the corresponding month of the previous year.

### Natural Gas Consumption



### 6. Sectoral Consumption of Natural Gas:

Sector	Sectoral demand 2015-16*	Domestic gas consumption in February, 2016	R-LNG consumption in February, 2016	Total Consumption (Domestic gas +R- LNG) in February, 2016
Fertilizer	113	24.50	20.39	44.89
Power	189	23.54	8.51	32.04
City Gas	39	9.27	8.03	17.30
Industrial	25	0.46	1.18	1.64
Petrochemicals/ Refineries/ Internal consumption/LPG Shrinkage/ Manufacture/ Miscellaneous	72	11.00	31.29	42.29
Sponge Iron/Steel	8	00	0.87	0.87
<b>Total</b>	<b>446</b>	<b>68.77</b>	<b>70.27</b>	<b>139.03</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.

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