



## Petroleum Planning & Analysis Cell

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

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

- Gross production for the month of September 2016 was 2600.10 MMSCM which was a decrease of 5.45 % over the corresponding month of the previous year.
- Total import of LNG for the month of September 2016 was 2304.59 MMSCM which was an increase of 28.62 % over the corresponding month of the previous year.
- Total consumption for the month of September 2016 was 4330.04 MMSCM which was an increase of approximately 9.47 % over the corresponding month of the previous year.
- Total consumption by fertilizer, power, petrochemicals, sponge iron, refinery and other sectors for the month of September 2016 was 142.86 MMSCMD.

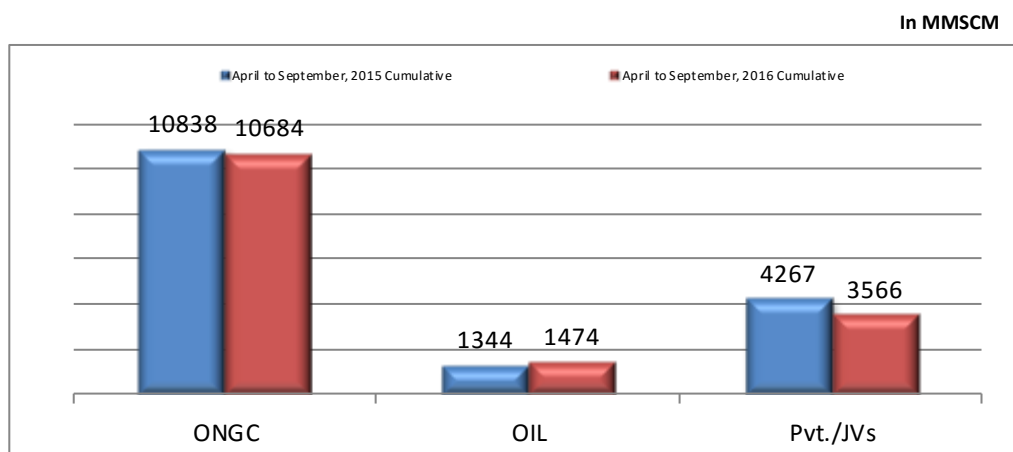
### 2. Natural Gas production

NG Producing Company	Qty.in MMSCM				
	September (Month)		April to September (Cumulative)		
	2015-16(P)	2016-17(P)	2015-16(P)	2016-17 (P)	Change %
<b>ONGC</b>	1815.39	1841.92	10837.89	10683.56	-1.42%
<b>OIL</b>	227.08	243.49	1343.96	1474.37	9.70%
<b>Pvt./ JVs</b>	707.58	514.69	4266.98	3565.61	-16.44%
<b>Total</b>	<b>2750.05</b>	<b>2600.10</b>	<b>16448.83</b>	<b>15723.54</b>	<b>-4.41%</b>

Note : 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 4.41 % for the current financial year up to September, 2016 in comparison to the corresponding period of the previous year.



## ONGC

ONGC's natural gas production in September, 2016 was 1841.92 MMSCM, which was higher by 26.53 MMSCM (1.46%) as compared to the corresponding month of the previous year.

## OIL

OIL's natural gas production in September, 2016 was 243.49 MMSCM which was higher by 16.41 MMSCM (7.23%) as compared to the corresponding month of the previous year.

## Private/JV fields

Natural gas production under Pvt./JV fields in September, 2016 had decreased to 514.69 MMSCM from 707.58 MMSCM (27.26%) 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, Panna-Mukta, PY 3, RJ-ON-6, Sohagpur west and Raniganj south fields. However there was also increase in production in CB/OS2, Hazira, Ravva, RJ-ON-90/1 and Raniganj east 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% of the gross production.

NG producing Company	September (Month)		April to September (Cumulative)		
	2015-16(P)	2016-17 (P)	2015-16(P)	2016-17(P)	Change %
ONGC	1386.44	1418.47	8243.77	8147.52	-1.17%
OIL	183.43	200.27	1066.79	1219.77	14.34%
Pvt./ JVs.	593.91	406.71	3595.03	2897.58	-19.40%
<b>Total</b>	<b>2163.78</b>	<b>2025.45</b>	<b>12905.60</b>	<b>12264.87</b>	<b>-4.96%</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 lower by 6.39% in September, 2016 in comparison to the corresponding period of the previous year.

### 4. LNG import

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

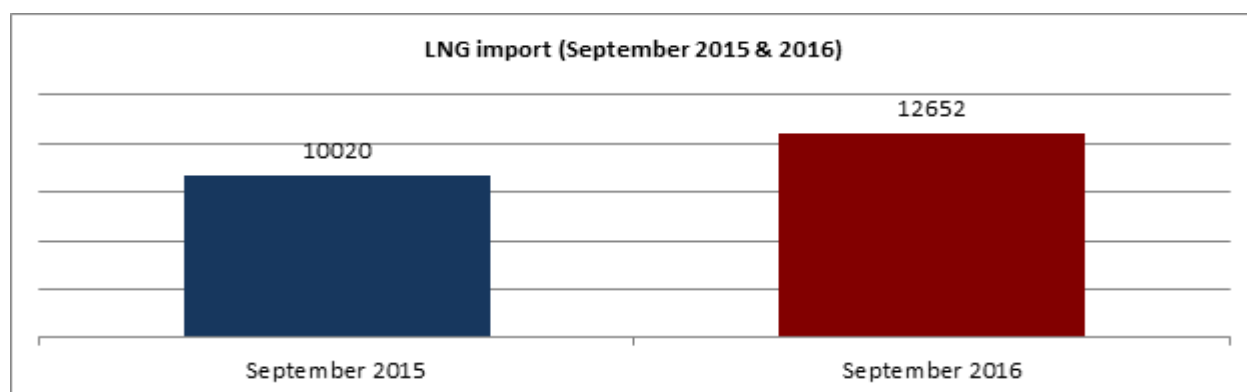
Total LNG import	September (Month)		April to September (Cumulative)		
	1791.72	2304.59	10020.35	12652.24	26.26%
Note : Figures are provisional					

Source: LNG importing companies

- 4.1 LNG import increased by 512.87 MMSCM in September, 2016 which was 28.62% higher as compared to the corresponding period of the previous year.
- 4.2 Around 50% of the total LNG import in September, 2016 was from Qatar, 11.54% each from Australia, UAE and Singapore and 7.69% each from Nigeria and Spain.

### LNG import

Qty. in MMSCM



## 5. Natural Gas consumption

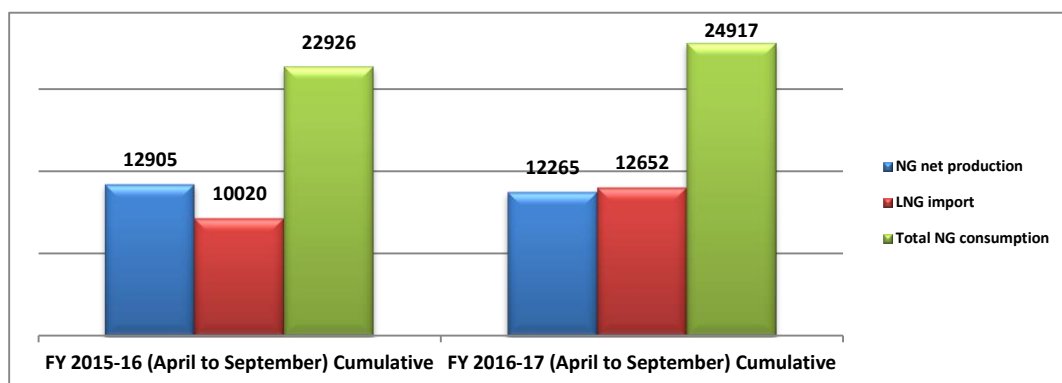
Qty. in MMSCM					
	September (Month)		April to September (Cumulative)		
	2015-16(P)	2016-17 (P)	2015-16(P)	2016-17 (P)	Change %
<b>Net Natural gas production for sale (excluding flare, loss &amp; internal consumption)</b>	2163.78	2025.45	12905.60	12264.87	-4.96%
<b>LNG import</b>	1791.72	2304.59	10020.35	12652.24	26.26%
<b>Total Natural gas consumption (Net NG production + LNG import)</b>	3955.50	4330.04	22925.95	24917.11	8.68%
<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 8.68% for the current financial year up to September, 2016 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 September, 2016 increased by 374.54 MMSCM (9.47%) 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 September, 2016	Qty. in MMSCMD	
			R-LNG consumption September, 2016	Total Consumption (Domestic gas+ R-LNG) September, 2016
Fertilizer	113	24.31	19.28	43.59
Power	207	25.38	10.16	35.54
City Gas	46	11.84	8.76	20.60
Industrial	27	0.48	1.30	1.78
Petrochem/ Refineries/ Internal consumption/LPG Shrinkage/ manufacture/ Miscellaneous	72	11.71	27.90	39.62
Sponge Iron/Steel	8	0	1.73	1.73
<b>Total</b>	<b>473</b>	<b>73.72</b>	<b>69.13</b>	<b>142.86</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 consolidated demand of 473 MMSCMD for the year 2016-17 the actual consumption in the month of September, 2016 was 142.86 MMSCMD.

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