



Petroleum Planning & Analysis Cell

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

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

- Gross production for the month of August 2016 was 2674.16 MMSCM which was a decrease by 5.71 % over the corresponding month of the previous year.
- Total import of LNG for the month of August 2016 was 2144.19 MMSCM which was an increase by 34.61 % over the corresponding month of the previous year.
- Total consumption for the month of August 2016 was 4226.07 MMSCM which was an increase of approximately 10.74 % over the corresponding month of the previous year.
- Total consumption by fertilizer, power, petrochemicals, sponge iron, refinery and other sectors for the month of August 2016 was 138.05 MMSCMD.

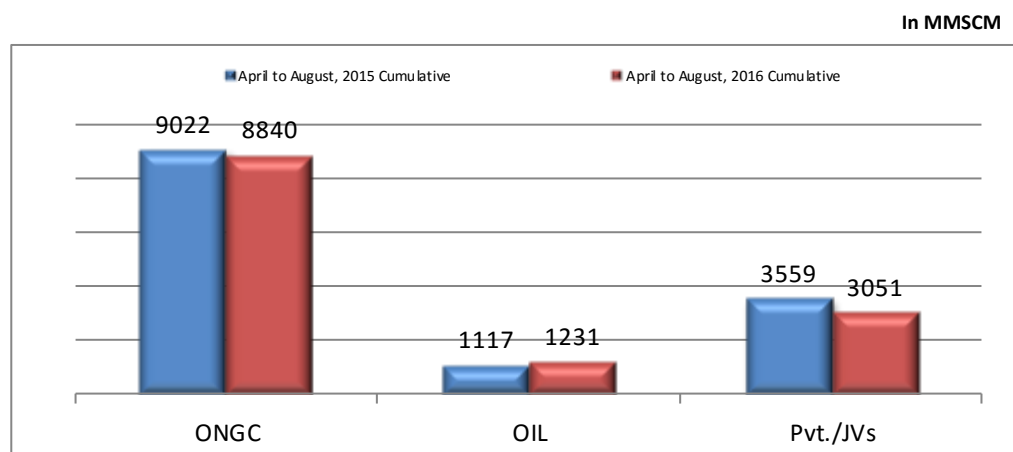
2. Natural Gas production

NG Producing Company	Qty.in MMSCM				
	August (Month)		April to August (Cumulative)		
	2015-16(P)	2016-17(P)	2015-16(P)	2016-17 (P)	Change %
ONGC	1855.82	1845.51	9022.49	8839.56	-2.03%
OIL	242.66	244.05	1116.88	1230.88	10.21%
Pvt./ JVs	737.88	584.59	3559.40	3050.93	-14.28%
Total	2836.36	2674.16	13698.78	13121.37	-4.21%

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 4.21 % for the current financial year up to August, 2016 in comparison to the corresponding period of the previous year.



ONGC

ONGC's natural gas production in August, 2016 was 1845.51 MMSCM, which was lower by 10.31 MMSCM (0.55%) as compared to the corresponding month of the previous year. The reason for shortfall in production was natural production decline from Bassein field.

OIL

OIL's natural gas production in August, 2016 was 244.05 MMSCM which was higher by 1.39 MMSCM (0.57%) as compared to the corresponding month of the previous year.

Private/JV fields

Natural gas production under Pvt./JV fields in August, 2016 had decreased to 584.59 MMSCM from 737.88 MMSCM (20.77%) 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 fields. However there was also increase in production in 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 78.07% of the gross production.

Qty. in MMSCM					
NG producing Company	August (Month)		April to August (Cumulative)		
	2015-16(P)	2016-17 (P)	2015-16(P)	2016-17(P)	Change %
ONGC	1408.69	1410.43	6857.33	6733.74	-1.80%
OIL	196.17	199.96	883.37	1019.50	15.41%
Pvt./ JVs.	618.16	471.49	3001.12	2490.87	-17.00%
Total	2223.02	2081.88	10741.81	10244.11	-4.63%

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 6.34% in August, 2016 in comparison to the corresponding period of the previous year.

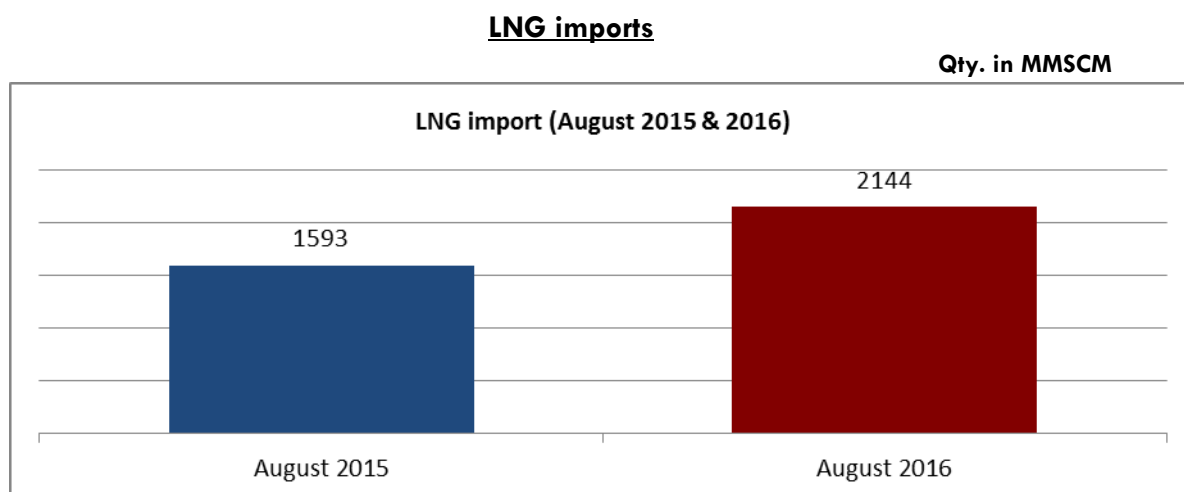
4. LNG imports

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 and Torrent Power Ltd.

Qty. in MMSCM					
Total LNG import	August (Month)		April to August (Cumulative)		
	1592.85	2144.19	8228.64	10347.65	25.75%
Note : Figures are provisional					

Source: LNG importing companies

- 4.1 LNG imports increased by 551.34 MMSCM in August, 2016 which was 34.61% lower as compared to the corresponding period of the previous year.
- 4.2 Around 48% of the total LNG import in August, 2016 was from Qatar, 16% from Equatorial Guinea, 12% from Nigeria, 8% from UAE and 4% each from Australia, Algeria, Peru and Trinidad & Tobago.



5. Natural Gas consumption

Qty. in MMSCM					
	July (Month)		April to July (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)	2223.02	2081.88	10741.82	10244.11	-4.63%
LNG import	1592.85	2144.19	8228.64	10347.65	25.75%
Total Natural gas consumption (Net NG production + LNG import)	3815.87	4226.07	18970.46	20591.76	8.54%

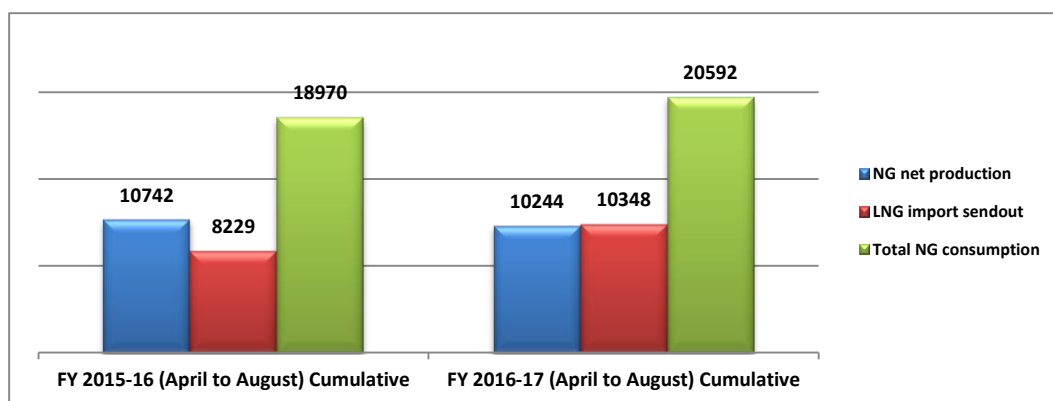
Note: Figures are provisional

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 8.54% for the current financial year up to August, 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 August, 2016 increased by 410.20 MMSCM (10.74%) 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 August, 2016	R-LNG consumption August, 2016	Qty. in MMSCMD
				Total Consumption (Domestic gas+ R-LNG) August, 2016
Fertilizer	113	20.33	21.89	42.22
Power	207	23.13	9.69	32.82
City Gas	46	11.75	7.89	19.64
Industrial	27	0.52	1.30	1.82
Petrochem/ Refineries/ Internal consumption/LPG Shrinkage/ manufacture/ Miscellaneous	72	10.45	29.13	39.58
Sponge Iron/Steel	8	0	1.97	1.97
Total	473	66.18	71.87	138.05

*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 473 MMSCMD for the year 2016-17 the actual consumption in the month of August, 2016 was 138.05 MMSCMD.
