



Petroleum Planning & Analysis Cell

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

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

- Gross production for the month of July 2016 was 2704.65 MMSCM which was an increase by 3.27 % over the corresponding month of the previous year.
- Total import of LNG for the month of July 2016 was 1960.19 MMSCM which was decrease of 3.79 % over the corresponding month of the previous year.
- Total consumption for the month of July 2016 was 4080.39 MMSCM which was an increase of approximately 0.4 % over the corresponding month of the previous year.
- Total consumption by fertilizer, power, petrochemicals, sponge iron, refinery and other sectors for the month of July 2016 was 138.43 MMSCMD.

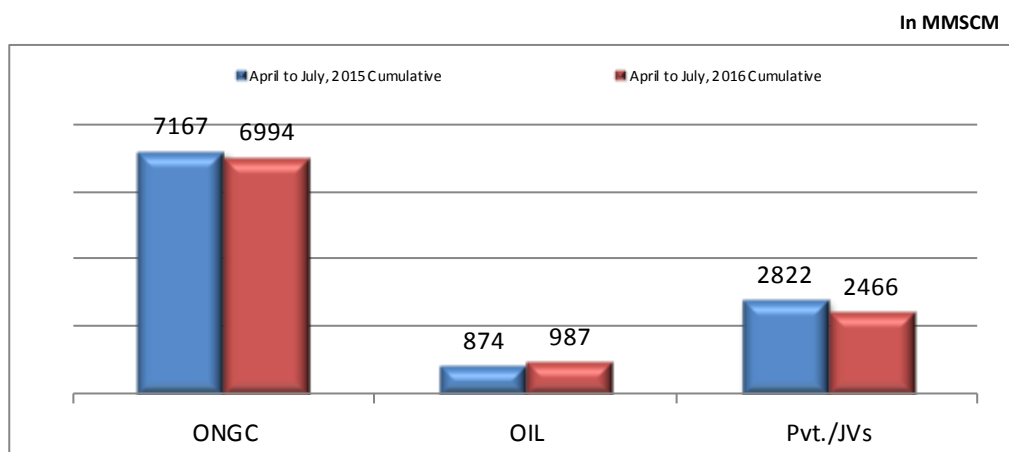
2. Natural Gas production

NG Producing Company	July (Month)		April to July (Cumulative)		
	2015-16(P)	2016-17(P)	2015-16(P)	2016-17 (P)	Change %
ONGC	1684.81	1823.73	7166.68	6994.05	-2.41%
OIL	232.58	256.12	874.23	986.83	12.88%
Pvt./ JVs	701.68	624.80	2821.52	2466.33	-12.59%
Total	2619.07	2704.65	10862.42	10447.21	-3.82%

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 3.82 % for the current financial year up to July, 2016 in comparison to the corresponding period of the previous year.



ONGC

ONGC's natural gas production in July, 2016 was 1823.73 MMSCM, which was higher by 138.92 MMSCM (8.25%) as compared to the corresponding month of the previous year.

OIL

OIL's natural gas production in July, 2016 was 256.12 MMSCM which was higher by 23.54 MMSCM (10.12%) as compared to the corresponding month of the previous year.

Private/JV fields

Natural gas production under Pvt./JV fields in July, 2016 had decreased to 624.80 MMSCM from 701.68 MMSCM (10.96%) 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 in Panna Mukta, 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 78.13% of the gross production.

Qty. in MMSCM					
NG producing Company	July (Month)		April to July (Cumulative)		
	2015-16(P)	2016-17 (P)	2015-16(P)	2016-17(P)	Change %
ONGC	1256.68	1395.78	5448.64	5323.31	-2.30%
OIL	184.94	213.29	687.20	819.54	19.26%
Pvt./ JVs.	585.33	511.13	2382.96	2019.39	-15.26%
Total	2026.95	2120.20	8518.80	8162.24	-4.19%

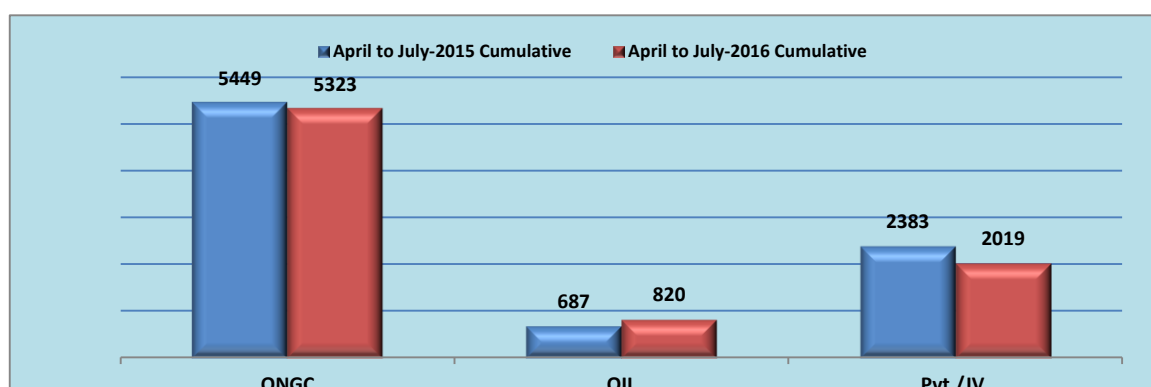
Note : Figures are provisional.

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

3.1 Natural Gas net availability was higher by 4.60% in July, 2016 in comparison to the corresponding period of the previous year.

Natural Gas Net Availability

In MMSCM



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., Hazira LNG Pvt. Ltd. And Torrent Power Ltd.

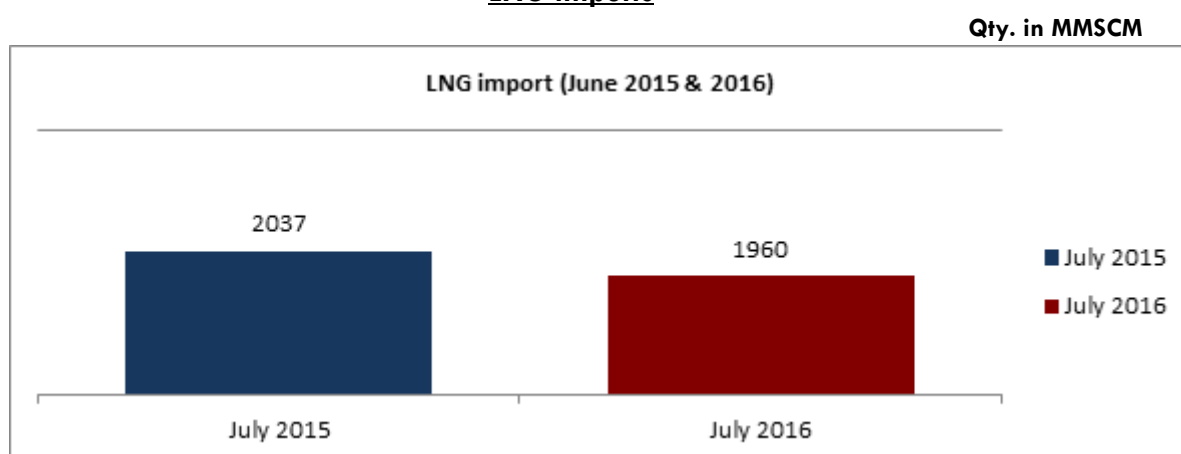
Qty. in MMSCM					
	July (Month)		April to July (Cumulative)		
Total LNG import	2037.31	1960.19	6635.79	8092.38	21.95%

Note : Figures are provisional

Source: LNG importing companies

- 4.1 LNG imports decreased by 77.12 MMSCM in July, 2016 which was 3.79% lower as compared to the corresponding period of the previous year.
- 4.2 Around 56.52% of the total LNG import in July, 2016 was from Qatar, 17.39% from Equatorial Guinea, 8.69% from Nigeria and 4.35% each from Australia, UAE, Angola, US.

LNG imports



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)	2026.95	2120.20	8518.80	8162.24	-4.19%
LNG import	2037.31	1960.19	6635.79	8092.38	21.95%
Total Natural gas consumption (Net NG production + LNG import)	4064.26	4080.39	15154.59	16254.62	7.26%

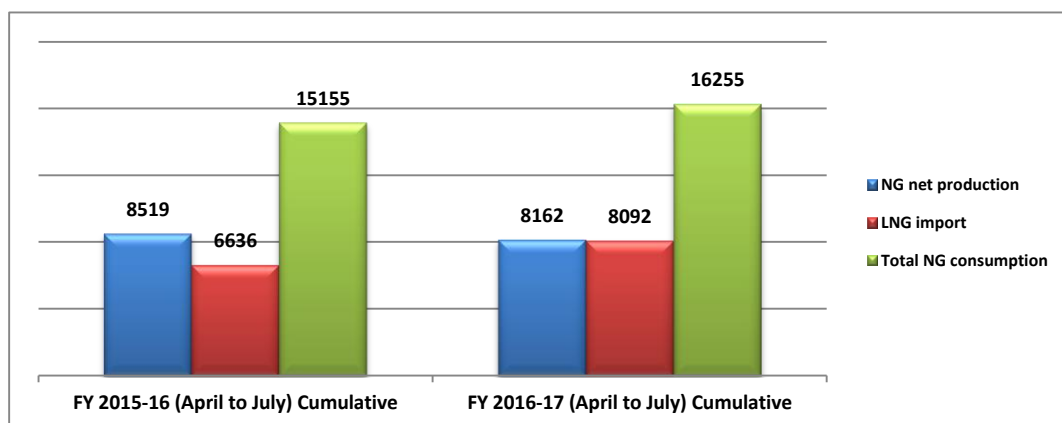
Note: Figures are provisional

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 7.26% for the current financial year up to July, 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 July, 2016 increased by 16.13 MMSCM (0.4%) 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*	Qty. in MMSCMD		
		Domestic gas consumption July, 2016	R-LNG consumption July, 2016	Total Consumption (Domestic gas+ R-LNG) July, 2016
Fertilizer	113	22.02	20.51	42.53
Power	207	23.47	7.76	31.23
City Gas	46	11.41	7.97	19.39
Industrial	27	0.48	1.92	2.40
Petrochem/ Refineries/ Internal consumption/LPG Shrinkage/ manufacture/ Miscellaneous	72	10.64	30.82	41.45
Sponge Iron/Steel	8	00	1.43	1.43
Total	473	68.02	70.41	138.43

*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 July, 2016 was 138.43 MMSCMD.
