



Petroleum Planning & Analysis Cell

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

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

- Gross production for the month of June 2016 was 2598.41 MMSCM which was a decrease by 4.48 % over the corresponding month of the previous year.
- Total import of LNG for the month of June 2016 was 1908.49 MMSCM which was an increase of 14.02 % over the corresponding month of the previous year.
- Total consumption for the month of June 2016 was 3952.15 MMSCM which was an increase of approximately 3.47 % over the corresponding month of the previous year.
- Total consumption by fertilizer, power, petrochemicals, sponge iron, refinery and other sectors for the month of June 2016 was 135.19 MMSCMD.

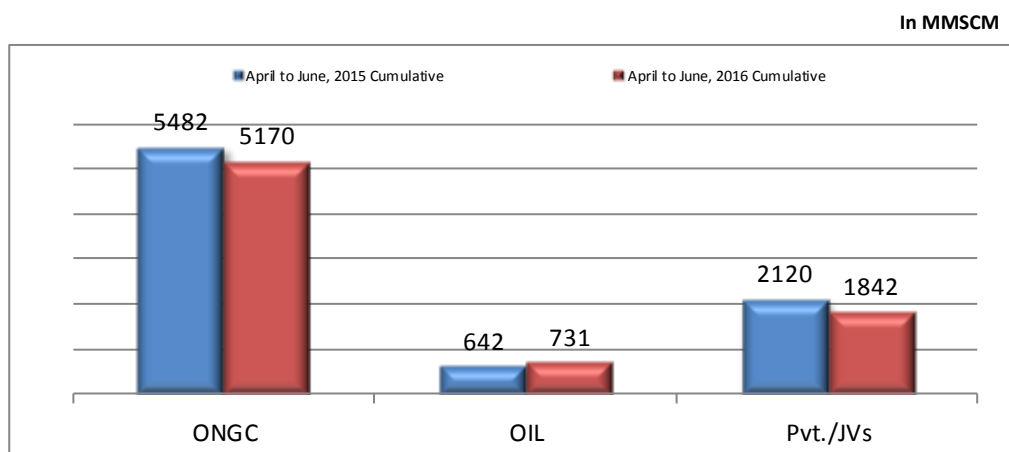
2. Natural Gas production

NG Producing Company	June (Month)		April to June (Cumulative)		
	2015-16(P)	2016-17(P)	2015-16(P)	2016-17 (P)	Change %
ONGC	1800.98	1748.61	5481.87	5170.32	-5.68%
OIL	225.05	241.24	641.64	730.71	13.88%
Pvt./ JVs	694.37	608.56	2119.84	1841.54	-13.13%
Total	2720.40	2598.41	8243.34	7742.57	-6.07%

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 6.07 % for the current financial year up to June, 2016 in comparison to the corresponding period of the previous year.



ONGC

ONGC's natural gas production in June, 2016 was 1748.61 MMSCM, which was lower by 52.37 MMSCM (2.91%) as compared to the corresponding month of the previous year. The reasons for shortfall in production were natural production decline from Bassein field, closure of wells in Gandhar/North Gandhar fields due to pipeline repairs by M/s. GAIL (India) Ltd. and less off-take of gas by GAIL consumers in Cauvery basin.

OIL

OIL's natural gas production in June, 2016 was 241.24 MMSCM which was higher by 16.19 MMSCM (7.19%) as compared to the corresponding month of the previous year.

Private/JV fields

Natural gas production under Pvt./JV fields in June, 2016 had decreased to 608.56 MMSCM from 694.37 MMSCM (12.36%) in comparison to the corresponding month of the previous year. There was production fall in Krishna Godavari D6 block (KGD6), KG-OSN and M&S Tapti fields. However there was also increase in production in RJ-ON-90/1, Raniganj east and RJ-ON-90/1 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 78.04% of the gross production.

NG producing Company	June (Month)		April to June (Cumulative)		
	2015-16(P)	2016-17 (P)	2015-16(P)	2016-17(P)	Change %
ONGC	1380.66	1347.43	4191.96	3927.53	-6.31%
OIL	178.71	201.21	502.27	606.24	20.70%
Pvt./ JVs.	586.29	495.02	1797.63	1508.25	-16.10%
Total	2145.66	2043.66	6491.86	6042.02	-6.93%

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 4.75% in June, 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 and Pvt./JV 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.

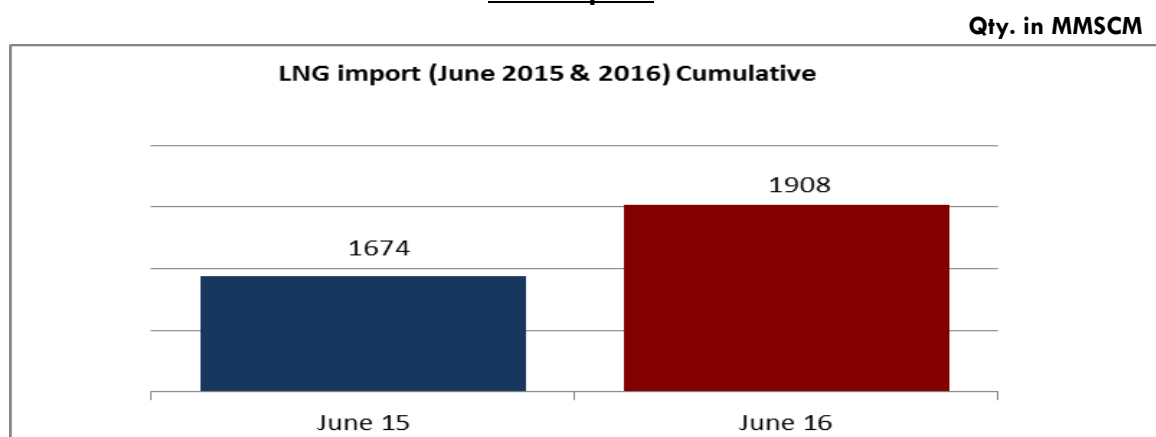
Qty. in MMSCM					
	June (Month)		April to June (Cumulative)		
Total LNG import	1673.86	1908.49	4598.47	6132.19	33.35%
<i>Note : Figures are provisional</i>					

Source: LNG importing companies

4.1 LNG imports increased by 234.63 MMSCM in June, 2016 which was 14.02 % higher as compared to the corresponding period of the previous year.

4.2 Around 56.52% of the total LNG import in June, 2016 was from Qatar, 26.08% from Nigeria and 4.35% each from Australia, UAE, Oman and Equatorial Guinea.

LNG imports



5. Natural Gas consumption

Qty. in MMSCM					
	June (Month)		April to June (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)	2145.66	2043.66	6491.86	6042.02	-6.93%
LNG import	1673.86	1908.49	4598.48	6132.18	33.35%
Total Natural gas consumption (Net NG production + LNG import)	3819.52	3952.15	11090.34	12174.20	9.77%
<i>Note: Figures are provisional</i>					

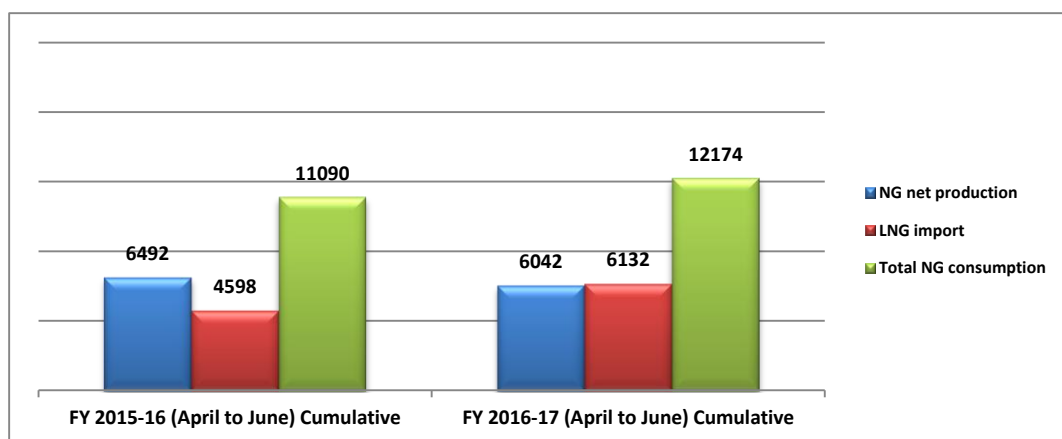
Source: Oil and Gas producing companies, DGH and LNG importing companies.

5.1 Total natural gas consumption (net production of domestic gas + LNG import) was higher by 9.77% for the current financial year up to June, 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 June, 2016 increased by 132.63 MMSCM (3.47%) in comparison to the corresponding month of the previous year.

Natural Gas Consumption

Qty. in MMSCM



6. Sectoral Demand and Consumption of Natural Gas

	Qty. in MMSCMD			
Sector	Sectoral demand 2016-17*	Domestic gas consumption June, 2016	R-LNG consumption June, 2016	Total Consumption (Domestic gas+ R-LNG) June, 2016
Fertilizer	113	21.89	21.61	43.50
Power	207	23.79	6.25	30.04
City Gas	46	11.19	6.57	17.76
Industrial	27	0.54	1.40	1.94
Petrochem/ Refineries/ Internal consumption/LPG Shrinkage/ manufacture/ Miscellaneous	72	9.92	30.68	40.61
Sponge Iron/Steel	8	00	1.34	1.34
Total	473	67.33	67.85	135.19
*Source : Report of the Working Group on Petroleum and Natural Gas Sector for the 12 th 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 June, 2016 was 135.19 MMSCMD.
