

**GOVERNMENT OF INDIA
CHEMICALS AND FERTILIZERS
LOK SABHA**

UNSTARRED QUESTION NO:3824
ANSWERED ON:18.02.2014
CONVERSION OF NFL PLANTS INTO GAS BASED UNITS
Sule Supriya

Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:

- (a) whether all the urea manufacturing units of the National Fertilizers Limited (NFL) have been converted into gas-based units;
- (b) if so, the details thereof and the expenditure incurred thereon;
- (c) the estimated production of urea by NFL during the last three years; and
- (d) the estimated quantity of domestic and imported gas utilized/consumed for production of urea during the said period?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF CHEMICALS & FERTILIZERS AND MINISTER OF STATE (I/C) IN THE MINISTRY OF STATISTICS & PROGRAMME IMPLEMENTATION (SHRI SRIKANT KUMAR JENA)

(a) : All the three Fuel Oil Based urea manufacturing units of National Fertilizers Limited (NFL) i.e. Nangal, Bathinda and Panipat have been converted into gas based units.

(b) : The details of the Fuel Oil based units converted to Natural Gas and the expenditure incurred thereon is as follows:

	Nangal Unit	Panipat Unit	Bathinda Unit	
Date of commissioning of AFCP	09.04.2013	24.01.2013	16.01.2013	
Date of commercial production from AFCP	18.07.2013	28.03.2013	11.03.2013	
Approved expenditure (Rs. crores)##	1478.63	1292.84	1294.19	

##Actual expenditure is under finalization and is estimated to be within the approved expenditure. AFCP implies Ammonia Feedstock Changeover Project.

(c) : The production of urea by NFL plants at Nangal, Panipat, Bathinda and Vijaipur I & II during last three years is as below:

	(Lakh MT)			
Unit	2010-11	2011-12	2012-13	Apr.13-Dec.13
Nangal	4.785	5.036	4.714	3.594
Panipat	4.700	5.004	4.138	3.699
Bathinda	5.530	4.830	3.945	4.168
Vijaipur I	9.167	9.023	9.664	7.502
Vijaipur II	9.616	10.118	9.649	8.631
Total	33.798	34.01	32.11	27.60

The urea production of 2010-11, 2011-12, 2012-13 for Nangal, Panipat and Bathinda is based on Fuel Oil Feedstock. The production for 2012-13 for Panipat and Bathinda includes production based on Fuel Oil/LSHS as feedstock prior to commissioning as indicated in Point No.(b).

(d) : The quantity of domestic and imported gas utilized / consumed for production of urea during the said period is as below:

	(Million Sm ³ at actual NCV)			
	2010-11	2011-12	2012-13	Apr' 13-Dec'13
	Domestic	RLNG	Domestic	RLNG
	Gas	Gas		
Nangal	Production on FO/LSHS	-	225.054	
Panipat	Production on FO/LSHS	-	66.874	204.462
Bathinda	Production on FO/LSHS	-	70.641	228.497
Vijaipur I+II	Domestic	1075.4	1101	924.599
	RLNG	235.66	249.58	246.919
Total		924.599	384.434	885.687
				806.44

#includes gas consumed for project commissioning till commercial production.