GOVERNMENT OF INDIA MINISTRY OF POWER

LOK SABHA UNSTARRED QUESTION NO.380 TO BE ANSWERED ON 17.11.2016

POLLUTION BY NTPC POWER PLANTS

380. SHRI PARVESH SAHIB SINGH:

Will the Minister of POWER

be pleased to state:

(a) whether there has been a study conducted by the Center for Science and Environment which revealed that the NTPC power plants are currently functioning way below the prescribed standards and performing poorly across various pollution parameters;

(b) if so, the details thereof as well as the Government's reaction thereto;

(c) whether the NTPC has any plans to shut down the Badarpur plant which according to the study has been rated the most polluting and contributing a meagre amount to the power consumption of Delhi;

(d) if so, the details thereof, and if not, the detailed reasons therefor; and

(e) the details of actual emissions by various power plants under NTPC along with the prescribed standards and parameters for each of them?

ANSWER

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, COAL, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a) & (b) : The Centre for Science and Environment (CSE) report, published in 2015, presents an assessment of 47 power plants in the country, including only six power plants of NTPC.

In the report, the average score of coal and lignite based thermal power sector was 23%. Four of the projects of NTPC were rated above average while two of the projects were rated below average and NTPC has already improved the position by implementing Electrostatic Precipitator (ESP) upgradation.

(c) & (d) : Badarpur Thermal Power Station is a part of one of the islanding schemes of Delhi, which was prepared after the Northern Region Grid failure in 2012. This Station can be closed if an alternative to this islanding scheme is ready. One of the key elements required is to make ready a 400 KV sub-station at Tughlakabad, for which land has been recently provided by Delhi Development Authority. It is understood that the sub-station will be ready in about 20-24 months.

(e): The details of actual emissions by the various power plants of NTPC along with the prescribed standards and parameters is given at Annex.

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ANNEX REFERRED TO IN REPLY TO PART (e) OF UNSTARRED QUESTION NO. 380 TO BE ANSWERED IN THE LOK SABHA ON 17.11.2016.

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RIHAND STPS 2 100 45	
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Name of Project	Unit No	Present SPM Norms	Present SPM Level	REMARKS
SIPAT STPS	1	50	44	
SIPAT STPS	2	50	42	
SIPAT STPS	3	50	43	
SIPAT STPS	4	50	45	
SIPAT STPS	5	50	44	
TALCHER (OLD) TPS	1	100	91	
TALCHER (OLD) TPS	2	100	95	
TALCHER (OLD) TPS	3	100	92	
TALCHER (OLD) TPS	4	100	95	
TALCHER (OLD) TPS	5	100	94	ESP Renovation and
				Modernisation work in
TALCHER (OLD) TPS	6	100	95	progress.
TALCHER STPS	1	100	99	ESP Renovation and
				Modernisation work in
TALCHER STPS	2	100	97	progress.
TALCHER STPS	3	100	91	
TALCHER STPS	4	100	89	
TALCHER STPS	5	100	85	
TALCHER STPS	6	100	91	
TANDA TPS	1	150	121	
TANDA TPS	2	150	128	
TANDA TPS	3	150	135	
TANDA TPS	4	150	135	
UNCHAHAR TPS	1	150	149	
UNCHAHAR TPS	2	150	149	
UNCHAHAR TPS	3	150	131	
UNCHAHAR TPS	4	150	125	
UNCHAHAR TPS	5	150	61	
VINDHYACHAL STPS	1	75	138	
VINDHYACHAL STPS	2	75	140	
VINDHYACHAL STPS	3	75	138	ESP Renovation and
VINDHYACHAL STPS	4	75	138	Modernisation work in
VINDHYACHAL STPS	5	75	137	progress.
VINDHYACHAL STPS	6	75	139	F 3
VINDHYACHAL STPS	7	75	88	
VINDHYACHAL STPS	8	75	92	
VINDHYACHAL STPS	9	75	70	
VINDHYACHAL STPS	10	75	72	
VINDHYACHAL STPS	11	50	47	
VINDHYACHAL STPS	12	50	48	
VINDHYACHAL STPS	13	50	49	
