

**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?**

**A N S W E R**

**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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Name of Project	Unit No	Present SPM Norms	Present SPM Level	REMARKS
BADARPUR TPS	4	50	30	
BADARPUR TPS	5	50	35	
BARH II	4	100	42	
BARH II	5	100	40	
BONGAIGAON TPP	1	50	45	
DADRI (NCTPP)	1	100	88	
DADRI (NCTPP)	2	100	62	
DADRI (NCTPP)	3	100	89	
DADRI (NCTPP)	4	100	71	
DADRI (NCTPP)	5	50	32	
DADRI (NCTPP)	6	50	38	
FARAKKA STPS	1	150	128	ESP Renovation and Modernisation work in progress.
FARAKKA STPS	2	150	139	
FARAKKA STPS	3	150	143	
FARAKKA STPS	4	150	143	ESP Renovation & Modernisation being taken up.
FARAKKA STPS	5	150	143	
FARAKKA STPS	6	75	72	
KAHALGAON TPS	1	150	137	ESP Renovation & Modernisation being taken up.
KAHALGAON TPS	2	150	137	
KAHALGAON TPS	3	150	137	
KAHALGAON TPS	4	150	137	
KAHALGAON TPS	5	100	48	
KAHALGAON TPS	6	100	45	
KAHALGAON TPS	7	100	42	
KORBA STPS	1	50	113	ESP Renovation and Modernisation work in progress.
KORBA STPS	2	50	109	
KORBA STPS	3	50	110	
KORBA STPS	4	50	118	
KORBA STPS	5	50	119	
KORBA STPS	6	50	116	
KORBA STPS	7	50	49	
MAUDA TPS	1	100	65	
MAUDA TPS	2	100	71	
RAMAGUNDAM STPS	1	115	86	
RAMAGUNDAM STPS	2	115	100	
RAMAGUNDAM STPS	3	115	89	
RAMAGUNDAM STPS	4	115	110	
RAMAGUNDAM STPS	5	115	110	
RAMAGUNDAM STPS	6	115	110	
RAMAGUNDAM STPS	7	115	87	
RIHAND STPS	1	100	40	
RIHAND STPS	2	100	45	
RIHAND STPS	3	100	86	
RIHAND STPS	4	100	88	
RIHAND STPS	5	50	43	
RIHAND STPS	6	50	45	
SIMHADRI	1	115	85	
SIMHADRI	2	115	82	
SIMHADRI	3	100	66	
SIMHADRI	4	100	57	
SINGRAULI STPS	1	150	130	ESP Renovation and Modernisation work in progress.
SINGRAULI STPS	2	150	129	
SINGRAULI STPS	3	150	139	
SINGRAULI STPS	4	150	134	
SINGRAULI STPS	5	150	131	
SINGRAULI STPS	6	150	136	
SINGRAULI STPS	7	150	138	

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 progress.
TALCHER (OLD) TPS	6	100	95	
TALCHER STPS	1	100	99	ESP Renovation and Modernisation work in progress.
TALCHER STPS	2	100	97	
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	
UNCHA HAR TPS	1	150	149	
UNCHA HAR TPS	2	150	149	
UNCHA HAR TPS	3	150	131	
UNCHA HAR TPS	4	150	125	
UNCHA HAR TPS	5	150	61	
VINDHYACHAL STPS	1	75	138	ESP Renovation and Modernisation work in progress.
VINDHYACHAL STPS	2	75	140	
VINDHYACHAL STPS	3	75	138	
VINDHYACHAL STPS	4	75	138	
VINDHYACHAL STPS	5	75	137	
VINDHYACHAL STPS	6	75	139	
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	

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