

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.799
TO BE ANSWERED ON 07.02.2019**

ELECTRICITY FROM PARALI

**†799. SHRI AJAY MISRA TENI:
SHRI BHARAT SINGH:**

**Will the Minister of POWER
be pleased to state:**

- (a) whether National Thermal Power Corporation (NTPC) proposes to start generation of electricity from 'Parali' (wheat and rice plants residue) to check pollution level due to burning of 'Parali' by the farmers every year;**
- (b) if so, the details thereof, State/ location/plant-wise; and**
- (c) if not, the reasons therefor?**

A N S W E R

**THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER
AND NEW & RENEWABLE ENERGY**

(SHRI R. K. SINGH)

(a) to (c) : NTPC has already started biomass co-firing in its Dadri coal based station in Uttar Pradesh.

NTPC has invited expression of interest (EOI) on 26th December, 2018, for supply of paddy straw and other agro residue based pellets/torrefied pellets to its power stations for power generation through biomass co-firing. The EOI has been invited for 21 coal based power stations of NTPC including its JV at Jhajjar. Based on response to EOI, tender shall be floated for procurement of pellets/torrefied pellets for respective NTPC power stations. Last date of EOI submission is 25th February 2019.

NTPC is planning to replace 5 to 10% of coal fired in its power stations by pellets/torrefied pellets made of agro residues. List of power stations and daily pellets/ torrefied pellets requirement are given at Annexure.

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 799 TO BE ANSWERED IN THE LOK SABHA ON 07.02.2019.

Sl. No.	Coal Based Stations	State	Capacity (MW)	Pellets/ Torrefied Pellets Requirement (Metric Tonnes Per Day)
1	Singrauli	Uttar Pradesh	2000	1000
2	Korba	Chhattisgarh	2600	1300
3	Ramagundam	Telangana	2600	1300
4	Farakka	West Bengal	2100	1060
5	Vindhyachal	Madhya Pradesh	4760	1880
6	Rihand	Uttar Pradesh	3000	1500
7	Kahalgaon	Bihar	2340	1180
8	Dadri	Uttar Pradesh	1820	920
9	Jhajjar (JV)	Haryana	1500	760
10	Talcher Kaniha	Odisha	3000	1000
11	Unchahar	Uttar Pradesh	1550	560
12	Talcher Thermal	Odisha	460	240
13	Simhadri	Andhra Pradesh	2000	1000
14	Tanda	Uttar Pradesh	440	220
15	Sipat	Chhattisgarh	2980	1500
16	Mouda	Maharashtra	2320	1160
17	Bongaigaon	Assam	500	260
18	Barh	Bihar	1320	660
19	Kudgi	Karnataka	2400	1200
20	Solapur	Maharashtra	660	340
21	Lara	Chhattisgarh	800	400
		Total	41,150	19440

The daily requirement is estimated based on 65% plant load factor and is indicative only. However, daily requirement given above may change based on actual plant load factor and requirement of NTPC.
