

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.2993
TO BE ANSWERED ON 11.07.2019**

BURNING OF FLY ASH IN POWER STATIONS

2993. SHRI NARANBHAI KACHHADIYA:

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

- (a) the details of fly ash being produced annually due to burning of coal in power stations ;**
- (b) the arrangements made to handle the fly ash by power stations;**
- (c) whether any byproducts are made from the fly ash and if so, the profit it adds to the power stations;**
- (d) whether fly ash contributes in pollution; and**
- (e) if so, the details thereof?**

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) : As per information received from Central Electricity Authority (CEA) annual generation of fly ash (Million tonnes) from 2013 to 2018 (April to March) is as follows:

Sl. No.	Year	Generation of fly ash (Million tonnes)
1	2013-14	172.87
2	2014-15	184.14
3	2015-16	176.74
4	2016-17	169.25
5	2017-18	196.44

(b) : Various methods adopted for handling and disposal of fly ash in thermal power plants are:

- i) Wet Ash handling system.**
- ii) High concentration slurry disposal (HCSD).**
- iii) Dry fly ash disposal system.**

(c) : Fly ash produced in the country is utilized for various purposes such as for mine filling manufacture of cement, brick & tiles, reclamation of low-lying areas in Roads & flyovers construction; embankments, Agriculture, Concrete, Hydro Power Sector and Others.

The Monthly data of amount received and Expenditure Borne by various Thermal Power Plants from Data of Ash Availability & Utilization web Portal (From April, 2018 to March, 2019) is annexed.

(d) & (e) : Fly ash handling in power plants cause fugitive dust if not handled properly. The power plants are required to take all requisites measures to avoid the same.

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 2993 TO BE ANSWERED IN THE LOK SABHA ON 11.07.2019.

The Monthly data of amount received and Expenditure Borne by various Thermal Power Plant's from Data of Ash Availability & Utilization web Portal (From April, 2018 to March, 2019).

Sr. No	Month	Data Uploaded by No. Of TPP's	Amount received by TPP's (Rs)	Expenditure Borne by TPP's (Rs)
1	Apr-18	127	44,56,55,714	17,32,23,291
2	May-18	127	46,48,85,571	23,43,93,781
3	Jun-18	128	44,90,13,734	17,55,38,079
4	Jul-18	129	33,39,67,085	39,66,92,329
5	Aug-18	128	34,14,18,521	15,12,69,477
6	Sep-18	129	39,67,24,905	16,01,85,807
7	Oct-18	125	47,45,39,336	18,67,59,242
8	Nov-18	124	34,12,49,481	18,18,35,537
9	Dec-18	122	43,95,90,397	23,49,03,422
10	Jan-19	122	43,24,02,530	25,25,89,219
11	Feb-19	120	37,64,40,936	15,67,82,596
12	Mar-19	121	41,15,72,773	20,47,13,742
	Total		4,90,74,60,982	2,50,88,86,523

Reference -<https://mapp.ntpc.co.in/asha/>
