

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.1447
TO BE ANSWERED ON 26.07.2018**

DISPOSAL OF FLY ASH

1447. SHRI G. HARI:

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

- (a) whether fly ash disposal is an area of concern for the Government as about 176 million tonnes of the fly ash is generated every year, if so, the details thereof;
- (b) whether only 63 per cent of the fly ash is being utilized currently, if so, the details thereof;
- (c) whether a 1,000 MW thermal power plant requires approximately 250 acres of land to dump its fly ash; and
- (d) if so, the details thereof?

A N S W E R

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

(SHRI R. K. SINGH)

(a) & (b): Yes, Madam. Fly ash disposal is an area of concern for the Government. Approximately 169.25 million tons fly ash was generated during the year 2016-17 as per data collected from 155 numbers of Thermal Power Stations in the country by Central Electricity Authority (CEA). About 63.28 per cent of the fly ash was utilized in various modes as per the details given below:

Sl. No.	Mode of utilization	Quantity of Fly Ash utilized in the mode of utilization (2016-17)	
		Million-ton	Percentage (%)
i	Cement	40.5869	23.98
ii	Mine filling	11.7827	6.96
iii	Bricks & Tiles	14.9110	8.81
iv	Reclamation of low lying area	11.0392	6.52
v	Ash Dyke Raising	11.8888	7.02
vi	Roads & flyovers	6.1942	3.66
vii	Agriculture	1.9243	1.14
viii	Concrete	0.7647	0.45
ix	Hydro Power Sector	0.0197	0.01
x	Others	7.9840	4.72
xi	Unutilized Fly Ash	62.1577	36.72
	Total	169.2534	100.00

(c) & (d): As per report of CEA on "Review of land requirement for the thermal power station", a 1,000 MW Thermal power plant requires approx. 250 acres of land to dump its fly ash.
