

GOVERNMENT OF INDIA
MINISTRY OF COAL
RAJYA SABHA
UNSTARRED QUESTION NO. 2425
ANSWERED ON 08.08.2022

Improvement in coal washing technique

2425. Dr. Amar Patnaik:

Will the Minister of **Coal** be pleased to state that:

- (a) the percentage share of coal washing in country's energy creation framework as of June 2022;
(b) the location of existing coal plants that use the fresh-water cooling technique for energy creation, State-wise;
(c) whether Government is considering policy steps to shift from this method of energy creation to renewable ways to reduce water stress levels of these plants, including but not limited to incorporating retrofit equipment in coal washing;
(d) if so, the details thereof; and
(e) if not, the reasons therefor?

ANSWER

**MINISTER OF PARLIAMENTARY AFFAIRS, COAL AND MINES
(SHRI PRALHAD JOSHI)**

(a): The percentage share of coal washing in during last 10 years in the country is as under:

Share of Washed Coal Production on Raw Coal Production during last Ten Years

(Figures in Million Tonnes)

Year	Raw Coal Production			Washed Coal Production			% Share of Washed Coal on Raw Coal		
	Coking Coal	Non-Coking Coal	Total Raw Coal	Coking	Non-Coking	Total Washed Coal	Coking	Non-Coking	Total Washed Coal
2012-13	51.582	504.820	556.402	6.550	14.190	20.740	12.70%	2.81%	3.73%
2013-14	56.818	508.947	565.765	6.614	15.699	22.313	11.64%	3.08%	3.94%
2014-15	57.446	551.733	609.179	6.070	17.294	23.364	10.57%	3.13%	3.84%
2015-16	60.887	578.343	639.230	6.182	17.119	23.301	10.15%	2.96%	3.65%
2016-17	61.661	596.207	657.868	6.414	20.274	26.688	10.40%	3.40%	4.06%
2017-18	40.148	635.252	675.400	5.753	13.999	19.752	14.33%	2.20%	2.92%
2018-19	41.132	687.586	728.718	5.570	19.363	24.933	13.54%	2.82%	3.42%
2019-20	52.936	677.938	730.874	5.285	18.903	24.188	9.98%	2.79%	3.31%
2020-21	44.787	671.296	716.083	4.518	18.433	22.951	10.09%	2.75%	3.21%
2021-22	51.702	726.488	778.190	4.638	16.705	21.343	8.97%	2.30%	2.74%

(b): Since, the processes in Coal Washing does not involve any heat transfer operation, cooling techniques are not required and as such fresh-water cooling technique is not being used in Coal Washeries.

(c) to (e): Do not arise in view of reply to part (b).
