

GOVERNMENT OF INDIA
MINISTRY OF POWER

RAJYA SABHA
STARRED QUESTION NO.318
ANSWERED ON 23.03.2026

WATER CRISIS IN THE COAL SECTOR

318 SMT. SAGARIKA GHOSE:

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

- (a) units of coal-generated power lost due to water shortages since 2023, year-wise;
- (b) the details of power plant shut down due to water shortages since 2023;
- (c) the details of new projects shortlisted for future operations that are located in areas classified as either suffering from water scarcity or stress;
- (d) whether there have been farmer protests and local diversions over the effects of water shortage; and
- (e) compensation to affected districts for economic losses from halted output?

A N S W E R

THE MINISTER OF POWER

(SHRI MANOHAR LAL)

(a) to (e) : A Statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) IN RESPECT OF RAJYA SABHA STARRED QUESTION NO.318 FOR REPLY ON 23.03.2026 REGARDING WATER CRISIS IN THE COAL SECTOR ASKED BY SMT. SAGARIKA GHOSE.

(a) & (b): As per details submitted by the generating utilities, there has been no shutdown of coal based power plants due to water shortage. However, the coal-based plants have intimated some generation loss due to other water related issues (pipeline leakages, desalination plant outage etc.) and the year-wise details since 2023 are given at **Annexure-I**.

(c): As per the National Compilation on Dynamic Ground Water Resources of India, 2025 of the Ministry of Jal Shakti, groundwater assessment units (districts, blocks etc) across the country are categorised as Safe (less or equal to 70%), Semi-critical (greater than 70% and less or equal to 90%), Critical (greater than 90% and less or equal to 100%) & Over Exploited (greater than 100%) based on ratio of annual groundwater extraction and replenishment of phreatic aquifer. Accordingly, there are three (03) numbers of coal-based power projects under construction or expansion located in water-stressed districts and their details are at **Annexure-II**.

Generation being a de-licensed activity any decision related to establishment/ operationalization of coal-based thermal power plant is taken by the generating company/project developer based on their techno-economic and commercial requirements and assessment of local conditions, which includes availability of water.

(d) & (e): Ministry of Power has not received any report regarding farmer protests on account of diversion/scarcity of water.

ANNEXURE-I

**ANNEXURE REFERRED TO IN PARTS (a) & (b) OF THE STATEMENT LAID IN REPLY
TO STARRED QUESTION NO. 318 ANSWERED IN THE RAJY SABHA ON 23.03.2026
REGARDING WATER CRISIS IN THE COAL SECTOR**

Details of Coal generated power lost due to other water related issues

Year	State	Sector Type	Station	District	Unit No	Capacity (MW)	Actual Trip Date & Time	Duration (Hrs)	Losses (MU)
2024	Chhattisgarh	IPP SECTOR	BINJKOTE TPP	Raigarh	1	300.00	18-Mar-2024 14:54:00	213.95	64.19
	Chhattisgarh	IPP SECTOR	BINJKOTE TPP	Raigarh	2	300.00	09-Jun-2024 01:30:00	83.10	24.93
	Andhra Pradesh	IPP SECTOR	VIZAG TPP	Visakhapatnam	2	520.00	10-Jun-2024 13:30:00	220.13	114.47
2025	Chhattisgarh	IPP SECTOR	BINJKOTE TPP	Raigarh	1	300.00	23-May-2025 01:11:00	108.87	32.66
	Gujarat	STATE SECTOR	GANDHI NAGAR TPS	Gandhi Nagar	3	210.00	23-Jul-2025 11:28:00	84.53	17.75
	Gujarat	STATE SECTOR	GANDHI NAGAR TPS	Gandhi Nagar	4	210.00	23-Jul-2025 11:53:00	82.62	17.35

ANNEXURE-II**ANNEXURE REFERRED TO IN PART (c) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 318 ANSWERED IN THE RAJY SABHA ON 23.03.2026 REGARDING WATER CRISIS IN THE COAL SECTOR**

Coal-based Thermal Power Plants (TPPs) under construction and awarded located in water-stressed districts

Sl No	State	District	Name of TPP	Utility	Sector	Status (Under Construction/ Awarded)	Category	Source of Water
1.	Uttar Pradesh	Kanpur Nagar	Ghatampur TPP	NUPPL	Central	Under Construction	Semi-critical	Ganga River
2.	Haryana	Yamuna Nagar	DCR TPP Ext	HPGCL	State	Under Construction	Over Exploited	Western Jamuna Canal
3.	Rajasthan	Baran	Kawai TPP	Adani Power	Private	Awarded but due for construction	Over Exploited	Parwan River
