

GOVERNMENT OF INDIA
MINISTRY OF COAL

RAJYA SABHA
UNSTARRED QUESTION NO. 839
ANSWERED ON- 27.07.2026

**MECHANISATION AND INFRASTRUCTURE STRENGTHENING IN COAL
SECTOR**

839. SHRI VIJAY CHINTAKAYALA

Will the Minister of COAL be pleased to state:

(a) details regarding the measures undertaken by Government to enhance mechanisation and strengthening of infrastructure in the coal sector, including adoption of advanced mining technologies, automation, conveyor systems and evacuation infrastructure;

(b) details regarding the projects proposed, under consideration and presently under implementation for mechanisation and infrastructure upgradation in coal mining across the country, State/UT-wise and in the State of Andhra Pradesh; and

(c) details regarding the scheme-wise and project-wise funds allocated, sanctioned, released and utilised for enhanced mechanisation and infrastructure development in the coal sector during the last five years, State/UT-wise and in the State of Andhra Pradesh?

ANSWER

MINISTER OF STATE FOR COAL AND MINES
(SHRI SATISH CHANDRA DUBEY)

(a): The measures taken by the Government to enhance mechanisation and strengthen infrastructure in the coal sector include deployment of advanced mining technologies such as Continuous Miners, Surface Miners, Highwall Miners and Longwall systems, adoption of AI/IoT-enabled digital mine monitoring, Integrated Command and Control Centres (ICCCs), RFID-enabled weighbridge automation, GPS-based vehicle tracking, drone-based surveying and SAP-ERP-based real-time production monitoring.

To strengthen coal evacuation, the Ministry is implementing the Integrated Coal Logistics Plan comprising development of critical railway projects, expansion of First Mile Connectivity (FMC), mechanised coal handling, conveyor systems and promotion of multimodal transport.

- A total of 139 FMC projects with a planned capacity of 1,319 MT have been taken up, of which 72 projects with a capacity of 589.5 MT have been commissioned.
- Coal PSUs have taken up 8 railway projects, of which 5 projects have been commissioned.

- 33 critical railway projects are under various stages of approval/ implementation by the Ministry of Railways.

(b): Mechanisation and infrastructure upgradation projects are undertaken by coal companies through First Mile Connectivity (FMC) projects. State-wise details of FMC, are as follows:

State	Company	FMC Projects Planned	Planned Capacity (MTPA)	Operational Projects	Operational Capacity (MTPA)
Jharkhand	CIL (BCCL, CCL, ECL, NLCIL)	21	236	4	29.5
West Bengal	CIL (ECL)	9	30.8	2	13.0
Odisha	CIL (MCL, NLCIL)	22	385	7	96.0
Chhattisgarh	CIL (SECL)	16	238.0	10	161.0
Madhya Pradesh	CIL (NCL & SECL)	14	76.5	12	68.0
Uttar Pradesh	CIL (NCL)	11	60.5	10	56.5
Maharashtra	CIL (WCL)	4	31.2	1	8.0
Telangana	SCCL	15	91	12	70.5
Andhra Pradesh	—	Nil	Nil	Nil	Nil
Captive/commercial		27	170	14	87
Total		139	1319	72	589.5

(c): Mechanisation and infrastructure development in the coal sector are funded by coal companies through their internal resources and capital expenditure plans. There are no separate schemes exclusively for mechanisation and infrastructure development.

State-wise allocation and expenditure incurred by Coal PSUs on Plant & Machinery and Infrastructure Development during the last five years, State-wise, are as follows:

Company and state	Head	Capex incurred in last 5 Years (In ₹ crores)	
		Allocated	Incurred
ECL in Jharkhand & WB	Plant & Machinery	1188.5	1631.4
	Infrastructure Development	1345.5	889.1

BCCL in Jharkhand & WB	Plant & Machinery	1977.3	1657.2
	Infrastructure Development	128.4	192.4
CCL in Jharkhand	Plant & Machinery	1651.0	1305.1
	Infrastructure Development	2103.7	4284.7
NCL in MP & UP	Plant & Machinery	3817.7	5448.3
	Infrastructure Development	2783.3	3757.7
WCL in Maharashtra & MP	Plant & Machinery	884.5	1145.9
	Infrastructure Development	1437.5	1217.6
SECL in Chhattisgarh & MP	Plant & Machinery	2992.0	2221.3
	Infrastructure Development	12021.3	9988.8
MCL in Odisha	Plant & Machinery	1807.6	1584.2
	Infrastructure Development	7755.9	6656.2
CMPDI in Jharkhand	Plant & Machinery	83.4	101.6
	Infrastructure Development	0.0	0.0
CIL in WB	Plant & Machinery	36.5	6.8
	Infrastructure Development	4.9	4.9
Overall Adjustment	Plant & Machinery	0.0	-12.8
	Infrastructure Development	0.0	0.2
SCCL in Telangana	Plant & Machinery	1693	2193
	Infrastructure Development	430	351
Total	Plant & Machinery	16131.5	17282
	Infrastructure Development	28010.5	27342.6

Under 14th round of commercial coal mine auctions, two coal mines in the State of Andhra Pradesh (Recherla and Chintalpudi Sector A1) have been awarded to Reliance Industries Limited. Infrastructure development in these blocks is expected to take place after allocation order is issued.
