

- Introduction of Surface Miners in opencast mines to improve operational efficiency & to cater to environmental needs. During 2018-19 in CIL, around 50% of the opencast coal production was through Surface miners.
- Introduction of IT enabled Operator Independent Truck Dispatch System (OITDS) in 11 nos. of mines of CIL.
- Introduction of Mass Production Technology in underground coal mines, 2 mines are worked with Powered Support Longwall technology and 9 mines are worked with Continuous Miner technology.
- For rapid coal evacuation, 19 nos. Coal Handling Plants with silos and rapid loading system having existing capacity of 152.5 million tonnes are in operation.

**Production of non-coking coal**

†1445. SHRI REWATI RAMAN SINGH: Will the Minister of COAL be pleased to state:

(a) the details of production of non-coking coal in the year 2019-20, as compared to the year 2018-19; and

(b) the details of necessary steps proposed to be taken to increase the production of non-coking coal in the country in the coming years?

THE MINISTER OF COAL (SHRI PRALHAD JOSHI): (a) The all India Non-Coking coal production during April-October, 2019 was 323.18 MT as compared to 349 MT during the corresponding period of last year 2018-19.

(b) The focus of the Government is on accelerating domestic production of coal through allocation of more coal blocks, pursuing with State Government for assistance in land acquisition and coordinated efforts with Railways for movement of coal.

Prior to ongoing tranche of coal allocation, coal blocks were allocated to private companies for captive use purpose only and not for sale of coal. In the current tranche of auction, 25% of coal production has been allowed for sale of coal for private companies.

Further, for sale of coal, allowing 100% FDI for coal mining activities including associated processing infrastructure is expected to attract international players and create efficient and competitive coal market.

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†Original notice of the question was received in Hindi.

In order to enhance coal production, CIL has taken the following steps:

- Opening of 55 greenfield projects having capacity of 92 MTPA and expansion of 193 brownfield projects having capacity of about 310 MTPA in next five years.
- Portal based monitoring of on-going projects to ensure timely completion of projects.
- Introduction of state of the art technology to improve its work efficiency with high capacity Heavy Earth Moving Machinery (HEMM), like 42 cum Shovel and 240 T Rear Dumpers in Gevra Expansion, Dipka and Kasmunda open cast mines.
- Introduction of Surface Miners in opencast mines to improve operational efficiency and to cater to environmental needs. During 2018-19 in CIL, around 50% of the opencast coal production was through Surface miners.
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#### **Purchase of defence equipments**

1446. SHRI RITABRATA BANERJEE: Will the Minister of DEFENCE be pleased to state:

- (a) whether it is a fact that Government buys highest number of Defence equipments from USA and Israel;
- (b) if so, the details thereof and the reasons therefor; and
- (c) the other countries from which Defence equipments are bought?

THE MINISTER OF STATE IN THE MINISTRY OF DEFENCE (SHRI SHRIPAD YESSO NAIK): (a) to (c) Capital procurement of defence equipment is undertaken from various domestic as well as foreign vendors, based on operational requirements of the Armed Forces, the availability or capacity to produce the equipment in India and abroad, to keep