

**GOVERNMENT OF INDIA  
COAL  
LOK SABHA**

UNSTARRED QUESTION NO:278

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PRODUCTION OF COAL

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

(a) the actual production, import and export of coal by each of the subsidiaries of CIL, during each of the last three years; and

(b) the steps taken/proposed to be taken by the Government to adopt latest technology for extraction of coal from underground and open castmines?

**Answer**

MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF COAL AND MINISTER OF STATE (INDEPENDENT CHARGE) IN THE STATISTICS & PROGRAMME IMPLEMENTATION (SHRI SRIPRAKASH JAISWAL)

(a) As far as import of coal by subsidiaries of CIL is concerned, none of the subsidiaries has ever imported any coal. Details of production and export of coal are as under :

(Fig in million tonnes)

Subsidiary    Production    Export

2007-08   2008-09   2009-10   2007-08   2008-09   2009-10

ECL    24.06   28.13   30.06   0.01   0.02   0.01

BCCL    25.22   25.51   27.51   0.00   0.00   0.00

CCL    44.15   43.24   47.08   0.00   0.00   0.00

NCL    59.62   63.65   67.67   0.00   0.00   0.00

WCL    43.51   44.70   45.74   0.00   0.00   0.00

SECL    93.79   101.15   108.01   0.00   0.00   0.00

MCL    88.01   96.34   104.08   0.00   0.00   0.00

NEC    1.10   1.01   1.11   0.00   0.00   0.00

CIL    379.46   403.73   431.26   0.01   0.02   0.01

(b) The following major steps have been taken/are proposed to be taken by CIL to adopt latest technology for extraction of coal from

underground & opencast mines:

#### UNDERGROUND MINES

- # Mass Production and Long-wall technology at suitable locations is being introduced.
- # High wall mining technology is also planned in the mines where geo-mining conditions permit.
- # Manual loading is being replaced by deployment of SDL/LHD and reorganization of transport system, wherever feasible.
- # Driving additional shaft and incline/drift is enhancing evacuation capacity.
- # Additional coal winning equipment are being deployed.
- # Seven high capacity green-field underground mines have been identified for developing using state-of-the-art technology with Private Public partnership on risk-gain sharing basis.
- # Restarting mining in a few abandoned mines belonging to three of its subsidiaries namely ECL, BCCL and CCL with appropriate technology by forming JVs with reputed mining companies.

#### OPENCAST MINES

- # High capacity equipment matching with bench height and stripping ratio are being introduced. For dumpers, up gradation from 35/50T to 60T, 85 T to 100 T and 120 T & 150T to 190 and 240T are being undertaken. Similar action has been taken for standardization of other HEMM.
- # Old and surveyed off equipment are being substituted with higher size equipment.
- # Thrust on automation and use of IT. 11 existing mines are to be equipped with Operator Independent Truck Dispatch System (OITDS).
- # Several small and economic OC patches in almost all Subsidiaries of CIL are being operated through outsourcing mode to enhance recoveries.
- # Maintenance and Repair Contract (MARC) with Original Equipment Manufacturer (OEM) are being introduced.
- # To increase the coal production from underground and opencast mines, SCCL has been planning and executing following capacity additions each year:-
- # Two high capacity (over 2.0 MTPA) Long Wall projects are under construction.
- # Two Continuous Miners are working to liquidate the standing pillars and virgin coal seams. SCCL has plans to introduce a good number of Continuous Miners in its underground mines to enhance production potential.
- # Based on the success of these projects, SCCL has plans for replicating the same in future projects.
- # 100 tonne capacity Dumpers and 12 cu.m Shovels are introduced in opencast mines in SCCL, to augment the production potential and overburden removal.