

## AMELIA COAL MINE

### Background:

In order to meet out fuel requirement of the Khurja STPP, Ministry of Coal, Govt. of India has allocated Amelia Coal Mine to THDCIL on 29.08.2016. The Allotment Agreement between Ministry of Coal & THDC India Ltd has been signed on 15.12.2016. Allotment Order of Amelia Coal Mine to THDCIL has also been issued on 17.01.2017.

### Salient Features:

- Peak Rated Capacity : 5.6 MTPA (OC)
- Stripping Ratio : 3.67 m<sup>3</sup>/t
- Grade of Coal : G9 (Avg. GCV = 4746 Kcal/Kg)
- Net Geological Reserve : 162.05 MT
- Extractable Coal Reserve : 139.48 MT
- Life of Mine North Quarry : 28 years
- Mode of operation : MDO
- Mode of Coal Transport : (i)By Conveyor from Mine to Devragram Railway Station &  
(ii)By Rail from Devragram Railway Station to Khurja

STPP

### Efficiency Parameters:

S. No.	Major Activity/Milestones	Time Limit in Months	Date of Completion	Status
<b>(Zero Date has been revised to 12.12.2018 by MoC letter dtd. 11.11.20)</b>				
1	Completion of Exploration and Preparation of Geological Report	---	N.A.	Original GR received from prior allottee i.e., MPSCML on 09.02.2017
2	Mining Lease Application	3 (11.03.19)	23.02.17	Completed
3	Submission of Mine Plan	6 (11.06.19)	Vested	Completed-Vested
4	Approval of Mine Plan	11 (11.11.19)	Vested	Revised Mine Plan approved on 13.03.2020.
5	Application for Previous Approval	12 (11.12.19)	Available	THDCIL applied on 05.05.2017 to vest previous approval.
6	Granting Previous Approval	13 (11.01.20)	Available	Mining lease granted on 15.05.2017
7	Application for Forest Clearance	11 (11.11.19)	23.02.17	Completed
8	Grant of Forest Clearance	21 (11.09.20)	15.02.21	Stage-II clearance granted
9	Application for Env't. Clearance	11 (11.11.19)	Vested	Granted to Prior Allottee, MPSCML
10	Grant of Env't. Clearance	21 (11.09.20)	Granted (03.08.21)	Completed
11	Grant of Mining Lease	24 (11.12.20)	Granted (16.08.21)	Completed
12	Land Acquisition (to Reach PRC)	42 (11.06.22)	Under process	Ongoing

13	Opening of Escrow Account	43 (11.07.22)	13.09.21	Escrow Account opened on 13.09.2021.
14	Application to CCO for Opening	43 (11.07.22)	29.12.21	Completed
15	Grant of Opening Permission	44 (11.08.22)	15.02.22	Mine opened on 17.11.2022

**Present status:**

- Amelia coal mine is being operated in MDO mode by M/s Amelia Coal Mining Ltd (ACML).
- Mine has been opened on 17.11.2022. and Coal extraction has started from 18.02.23, ahead of schedule i.e., Aug-23.
- Pending commissioning of EUP, presently Coal is being supplied to various thermal Plant of NTPC as per MOU signed between THDCIL and NTPC.
- 1st rake of coal from Amelia Coal Mine has been successfully dispatched from Deoragram Railway Siding for Khurja STPP on 06.08.24.
- Construction of CHP and Coal Conveyor System is in progress. Presently, Coal is being transported from Coal Mine to temporary Railway siding at Deoragram through dedicated Road in Coal Evacuation Corridor.
- Construction of 22 km double Ckt 33 kV line and Substation by UPRNN is in progress.
- Construction of 33kV double Ckt line has almost been completed in non-Forest area. Work in Forest area will be taken up after obtaining Forest clearance of 5.36 Ha Forest land which is under process of approval at M.P. State Forest Deptt.
- 1st Ckt of 33 KV line is scheduled for completion by Nov'24.

**Production Status:**

S. No.	Particulars	Unit	Qty. up to previous month	Qty. during the month	Cumulative Qty.
1	OB Removal	CuM	11454071	954353	12408424
2	Coal Production	Ton	2862221	284856	3147077

**Land:**

Detail about Land of Amelia Coal Mine is as follows:

<b>Forest Land- 843.76 Ha</b>	<ul style="list-style-type: none"> <li>• MoEF&amp;CC has granted Stage-II Forest Clearance on 15.02.2021.</li> <li>• 1st year mining area of 139 Ha has been handed over to THDCIL.</li> <li>• 2nd year mining area of 140.6 Ha has been handed over to THDCIL.</li> </ul>
<b>Revenue Land of Coal Block- 178.13 Ha</b>	<ul style="list-style-type: none"> <li>• District Collector, Singrauli granted permission on 13.09.2021 to enter and start mining work in Govt. land of Coal Block.</li> <li>• THDCIL has requested concerned authorities to expedite tree cutting in balance area, shifting of balance PAFs and Govt. structures from mining area.</li> </ul>
<b>Revenue Land for R&amp;R site- 53.13 Ha</b>	<ul style="list-style-type: none"> <li>• To resettle the displaced PAFs R&amp;R Colony is being developed in 53.13 Ha Govt. land of village Pachaur, Tehasil -Sarai, Distt. - Singrauli</li> </ul>

<b>Tenancy Land- 337.35 Ha</b>	<ul style="list-style-type: none"> <li>• Possession of entire 337.35 Ha private land has been given to THDCIL.</li> <li>• Shifting of PAFs from mining area is in progress and 283 PAFs (out of 576) have been shifted so far.</li> </ul>
<b>Coal Evacuation Corridor &amp; Railway Siding (CEC &amp; RS) land-27.47 Ha</b>	<p><b>Land identified for CES &amp; RS – 26.70 Ha</b></p> <ul style="list-style-type: none"> <li>i. <b>Govt. Land -14.288 Ha</b></li> <li>ii. <b>Private Land - 11.54 Ha</b></li> <li>iii. <b>Forest land - 0.87 Ha</b></li> </ul> <ul style="list-style-type: none"> <li>• Possession for 26.70 Ha land for CEC &amp; RS is with THDCIL</li> </ul>
<b>Public Railway siding under Gati-Shakti policy</b>	<ul style="list-style-type: none"> <li>• Physical demarcation of CEC&amp;RS cardinal points revealed an overlap of 7.40 Ha with the proposed railway siding land.</li> <li>• To resolve the land issue, THDCIL participated in the tender for development of public railway siding under Gati-Shakti policy of Railways on advice of Railways.</li> <li>• Letter of acceptance has been issued to THDCIL by Railways for development of Gati-Shakti policy of Railways by THDCIL on advice of Railways</li> <li>• THDCIL has submitted the revised Engineering Scale Plan (ESP) to Western Central Railways on 04.03.2024, has been approved by WCR.</li> <li>• Land lease agreement has been signed on 01.10.2024 with WCR Jabalpur.</li> </ul>

### PROJECT FUNDING:

The Project cost is to be funded with a Debt Equity ratio of 70:30. The fund realized against debt portion from bond issue series IV, VI, VII, VIII & IX an amount of ₹ 125 cr, ₹ 250 cr, ₹ 180 cr, ₹ 140 cr and ₹ 129 cr have been utilized for Amelia Coal Mines.

Balance debt requirement shall be financed through Term Loan/ Bonds proceed.

### Construction of CHP and Coal Conveyor System:

- Construction of CHP work is in progress by M/s ACML(MDO).
- Down Payment: 5% (five percent) of aRs. 469.56 Cr has been released on 02.08.23.

### R&R Works:

- Construction of Retaining walls, Drains, Culverts and Roads has been completed.
- 495 plots to PAFs (out of 576), who have opted for plots/constructed house have been allotted in R&R Colony by District Administration, Singrauli and around 150 PAFs have started construction of their houses also 100 nos. PAFs started living in their houses.
- Temporary LT line Connection to supply electricity to PAFs to construct their houses & 05 nos. High Mast for illumination also installed.
- Construction of Over Head Tanks and Laying of Water supply line in R&R colony has been completed. Operation of OHT has been started in both South and North block.
- External electrification work at R&R colony has been completed.
- Construction of culverts and GSB for roads completed.
- Construction of CC road, school, hospital, anganwadi center, community center, is under progress.

**Budget Estimate V/S Expenditure:**

Expenditure incurred during the month is ₹ 16.16 cr against the BE of ₹ 39.95 cr. Cumulative expenditure during F.Y. 2024-25 till Sep'24 is ₹ 166.67 cr against the BE of ₹ 202.45 cr.

Total expenditure incurred on the project till Sep'24 is ₹ 1341.84 cr (Including IDC & FC of ₹ 117.67 cr).