

## 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., MPSMCL 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, MPSMCL
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.
- Approximately 48.52 lakh tons of coal has been extracted so far.
- Around 41.94 lakh tons coal dispatched to NTPC plants and 5.26 lakh ton of Coal to end use plant Khurja STTP.
- Construction of the coal conveyor system is in progress with completion targeted by May'25.
- Presently, Coal is being transported from Coal Mine to temporary Railway siding at Deoragram through dedicated Road in Coal Evacuation Corridor.
- Construction of Substation has been completed and testing & commissioning of Substation will be done after construction of 33 KV line.
- 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 Apr'25.

**Production Status:**

S. No.	Particulars	Unit	Qty. up to previous month	Qty. during the month	Cumulative Qty.
1	OB Removal	CuM	17623348	1273417	18896765
2	Coal Production	Ton	4488723	364182	4852905

**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 356 PAFs 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:</b></p> <ul style="list-style-type: none"> <li>i. <b>Govt. Land - 14.288 Ha (including 7.40 Ha overlapped Railway land)</b></li> <li>ii. <b>Private Land - 11.54 Ha</b></li> <li>iii. <b>Forest land - 0.87 Ha</b></li> <li>iv. <b>Railway Land – 4.36 Ha</b></li> </ul> <ul style="list-style-type: none"> <li>• Possession of 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>• Land lease agreement has been signed on 01.10.2024 with WCR Jabalpur.</li> <li>• Also, WCR Jabalpur granted approval on 09.10.2024 to commence the work as per approved ESP.</li> <li>• GCT Agreement has been signed on 19.11.2024 with WCR Jabalpur.</li> <li>• Construction of Railway Siding work is in progress by MDO.</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 180 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 CC roads has been completed.
- Construction of school, hospital, anganwadi center, community center, is under progress.

**Commercial Operation Date (COD) of Amelia Coal Mine, the captive Mine for Khurja STPP, has been successfully achieved on 18.02.2025.**

**Budget Estimate V/S Expenditure:**

Expenditure incurred during the month is ₹ 36.29 cr against the BE of ₹ 18.70 cr. Cumulative expenditure during F.Y. 2024-25 till Feb'25 is ₹ 309.87 cr against the BE of ₹ 294.73 cr.

Total expenditure incurred on the project till Feb'25 is ₹ 1485.04 cr (Including IDC & FC of ₹ 142.06 cr).