

KHURJA SUPER THERMAL POWER PLANT- (2 X 660 MW) (Under Construction)

BACKGROUND

2 X 660 MW Khurja Super Thermal Power Project at District Bulandshahar (U.P), is being implemented by THDCIL. The MoU for implementation of the project was signed between THDCIL, GoUP and UP Power Corporation Ltd. on 31st December, 2010. Power Purchase Agreements for entire off take-off power to be generated from the project, have also been signed by THCDIL prior to 05.01.2011 with Uttar Pradesh, Uttarakhand, Rajasthan, Himachal Pradesh and Delhi. 9264MU of energy at 85% PLF will be available for export to the grid from the project.

PIB Approval

a) For Pre-Investment:

- PIB Approval for incurring expenditure of ₹ 585.82 Cr. towards Pre-Investment activities (like land acquisition, rerouting of National High way etc.) has been accorded by GOI on 20.11.15.
- Status of head wise expenditure against PIB approval for ₹ 585.82 Cr. accorded on 20.11.15 and planned expenditure for 2018-19 is as follows: (in ₹ Crs.)

Sl. No.	Activity	Approval as per PIB	Expenditure incurred till date	Balance Planned Expenditure for 2018-19
1.	DPR	10.00	6.12	3.88
2.	1201 acre Land for plant	387.18	270+40+19.12	58.06
3.	89 acre land Re-routing NH-91	110.64	100	10.64
4.	123 acres land for rail and water corridor	61.00	-	61.00
5.	Fencing, leveling & establishment for secure possession of land	17.00	16.80	0.20

b) Investment Approval:

- The cost of the Project (Khurja STPP) is estimated as ₹ 11089.42 Crs. at Nov-2017 PL. Whereas the estimated expenditure proposed to be incurred by THDCIL in developing Amelia Mine through MDO is ₹ 1587.16 crore.
- Cost of power to be generated from this project is only Rs. 3.61/ unit (levelised). First year tariff is estimated as Rs. 3.90/unit.
- THDCIL has already signed Power Purchase Agreement with Uttar Pradesh for purchase of 60% of Power from Khurja STPP.

Present status is as follows:

Sl. No.	Head	Present Status
1	PIB	<p>Revised PIB Memo incorporating information sought vide Minutes of PIB meeting has been prepared and sent to Deptt. of Expenditure, Ministry of Finance on 18th Dec 2018 with a request to reconvene the PIB meetings.</p> <p>Recently, Department of Expenditure, Ministry of Finance Gol, has requested MoP to have a joint meeting /consultations with NITI Ayog to resolve the basic difference between MoP and NITI on various issues including the issue of stressed assets.</p> <p>In this reference, THDCIL vide letter dated 08.01.19 has requested MoP that NITI Ayog vide their letter dated 06.09.18 addressed to Secretary(Expenditure) and Secretary (Power) has already concurred the PIB memo for Investment Approval of 2X660MW Khurja STPP and Amelia Coal Mine.</p> <p>Further, appraisal was also given in the meeting chaired by Hon'ble Minister of Power on dated 09.01.19 during review of important projects of THDCIL. Now, it is learnt that Secretary (Power) has written letter on 14.01.19 to Secretary (Expenditure) to convene the PIB meeting which is expected shortly.</p>
2	Consultancy for Pre-award & Post Award Award of Packages	<ul style="list-style-type: none"> • Consultancy for pre award activities, detailed engineering, review engg and PMC awarded to NTPC Ltd Noida on 21.11.17 for an amount of ₹ 99.80 crores. • NIT for "Steam generator and associated packages including site leveling" for INR 3555.55 Crs. (Excluding taxes & Duties) have been issued to the prospective bidders. Revised date for submission of Technical Bids is 20.02.19. • NIT for "Turbine generator and associated packages" for INR 1523.41 Crs. (Excluding taxes & Duties) revised date for submission of Technical Bids is 13.03.19.
3	Re-routing of National High way (NH-91)	<ul style="list-style-type: none"> • For re-routing of NH-91, Out of Rs 38.41 an amount of Rs 20 Lacs against draft DPR has been released to NHAI in April, 2018. • The final copy of DPR has been received from NHAI. As per which, cost of re-routing of NH-91 is Rs. 384.28 Cr. • Balance amount of DPR and an amount of Rs 100 crore (lump sum) against Rs 156.88 crore of land cost has also been released to NHAI as an installment on 05 July, 2018. • NHAI has submitted the Land acquisition case proposal to the District Administration on 12.01.2019 after publication of 3'D' on 11.01.2019.
4	Land Transfer, secure possession & Lease Deed	<ul style="list-style-type: none"> • Physical possession of total 1200.843 Acres land including Gram Sabha land has been obtained. <p>THDCIL is ready to pay the balance ex-gratia to SLAO. However, DM, Bulandshahar has stated that till the time, the case of Kamal Singh and others is not decided, no further ex-gratia shall be released.</p> <ul style="list-style-type: none"> • Regarding lease deed of 1201 acre land, a payment of Rs. 19.12 cr. has also been released to UPSIDC on 01.10.18. As decided in the meeting with JMD, UPSIDC held on 18th Dec 2018 at their head office Kanpur, duly filled formal application for allotment has been submitted to the UPSIDC Kasna Office on 15.12.18, as one of the pre-requisites

		for signing of Lease Deed.
5	Establishment	<ul style="list-style-type: none"> • Site office is functional since 1st October 2016 and besides solar power, power supply from UPPCL has also been arranged. • Construction of Transit Camp / Guest House near Site Office has been completed in March'18 and put to use. • Shifting of village roads(2500RM) from Plant area to outside Plant boundary by constructing roads connecting (1) Mundakheda canal to Dashehri village, (2) Dashehri and Jahanpur, (3) Dashehri, Jahanpur and Unchagaon has been completed.
6	Construction Power	<ul style="list-style-type: none"> • 5 MW peaking construction power for STPP Khurja has been approved on 24.07.2017.
7	Rail corridor (Railway siding)	<ul style="list-style-type: none"> • Existing rail head is just 6 Km from project site. DPR is prepared by RITES and after approval by Railways the acquisition of land is under process. The process of land acquisition after completion of the revised survey is in process as per specified procedure.
8	Water corridor (Makeup water)	<ul style="list-style-type: none"> • Formal water commitment letter for providing 53 Cusec water from Upper Ganga Canal at just 11 Km from project site has been issued by Water Resources Department, GoUP on dated 12th June'14. • Scheme of makeup water in pumping mode by laying pipe in Mundakhera distributory has been finalized to avoid future pilferage and interruption by villagers. As requested by UPID, design & drawing for the same has been prepared by THDCIL and shared with NTPC for concurrence.
9	Environmental Clearance	<ul style="list-style-type: none"> • Environmental Clearance has been accorded to the project on 30.03.17, vide MoEFCC's letter No: J/13012/100/2011-IA.II(T). • NOC from "Consent to Establish" has been granted by SPCB on 13.06.2018.
10	Clearance of Airport Authority of India (AAI)	<ul style="list-style-type: none"> • Revised Clearance for construction of 275 M high chimney for Khurja STPP has been obtained from Airport Authority of India on 19th April, 2018 for a period of 05 years i.e; upto July, 2023.

CSR work:

- a) **Computer training centre at affected village:** Previously, 04 sessions of computer training at the villages Unchagaon, Dasherri and Jahanpur have been successfully concluded. Further, a fresh proposal for opening of computer training centres at village Dashari and village Rukanpur will be submitted to SEWA Rishikesh for approval.
- b) Previously, 01 session of stitching training at the village Unchagaon has been successfully concluded. Training centers at Rukanpur and Dasherri are in progress.
- c) **Installation of Solar lights;**
 - Vide MOA with EESL dated 31.03.2018, 307 nos. solar street lights has been installed and commissioned at site. In variation 50 Nos. of street lights are being installed.
 - Proposal for 18W solar street lights in the villages nearby project site has been approved by SEWA and shall be taken up shortly.
- d) After approval, the dispensary is operational through Kailash hospital w.e.f. 01.01.2019 and successfully serving the affected villagers. Medical camps through Kailash hospital Khurja has also been organized in village Unchagaon, Dashehri and Jahanpur.

- e) Toilet construction in primary schools of village Rukanpur and unchagaon has also been completed.

Issues:

i. Court case filed by one PAF delaying further disbursement of ex-gratia & signing of Lease deed.

- Further disbursement to farmers is held up due to court case filed by one PAF named Mr. Kamal Singh & others from Dashehra village in Allahabad High court.
- A high level committee (HLC) is constituted under Chief Secretary, GoU.P to enquire about the procedure of disbursement of ex-gratia and anomalies in it. The report of committee was to be given in 03 months time i.e. by Dec-2016.
- All required documents / records were provided to HLC through SLAO / District Administration from time to time.
- HLC has finally submitted its report on 10.03.17 through Chief standing counsel (CSC) in the High Court with the affidavit of Chief Secretary Govt. of UP.
- Last hearing was held on 31.10.17, wherein, the matter was taken up by a Senior Advocate on behalf of THDCIL. Hon'ble High Court fixed the date of hearing as 11.04.18. However, the same could not take place. The hearing could not be taken up on scheduled date 24.01.2019. The next date of hearing has not been fixed till date.

ii. Hindrances in work:

- Farmers have time and again tried to disrupt the construction work at site. Further, the work was again stopped by the villagers on number of occasion during the month. Continuous support of District Administration is being taken to resolve the issue.

Completion Schedule:

Project is in the state of complete readiness and can be taken up immediately after investment approval. 1st & 2nd Unit shall be commissioned by June'23 & Dec'23 respectively subject to PIB approval.

Expenditure on the Project

Expenditure incurred on Khurja STPP till Jan'19 is ₹ 486.56 Cr.

Budget Estimate V/S Expenditure: Total BE 2018-19 ₹ 122.13 Cr.

Expenditure during the month is ₹ 1.11 Cr. against BE of ₹ 10.11 Cr. Cumulative expenditure during 2018-19 is ₹ 136.98 Cr. against corresponding BE of ₹ 101.91 Cr.

AMELIA COAL MINES (Under Construction)

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 29.08.16. The Allotment Agreement between Ministry of Coal & THDC India Ltd has been signed on 15.12.16.

Allotment Order of Amelia Coal Mine to THDCIL has also been issued on 17.01.2017, after payment for ₹ 33.10 Crs as first installment of the upfront amount, ₹ 4.5 Crs as fixed amount and submission of Bank Guarantee for ₹ 250.99 Crs. against Performance Security.

Coal Mine Capacity:

Net Geological Reserve in Amelia is 393.59 Million Ton out of this 214.45 Million Ton is Open cast and 179.14 Million Ton is under ground.

Land:

Detail about Land of Amelia Coal Mine is as follows:

Forest Land	843.76 Ha	<ul style="list-style-type: none">• Stage-I Forest Clearance has been accorded by MoEF&CC, GOI for diversion of 843.76 ha forest land vide Order no. F.No.- 8-06/2007-FC dated 12.12.2018. The user agency shall submit the fresh KML file for the revised area totaling to 1367.1 ha (1180.2 ha in main block and 186.90 ha outside the main block) and also demarcate the revised area on ground jointly with the forest deptt.”.• Further in compliance to conditions of MoEF&CC (GOI), as per order of Additional Principal Chief Conservator of Forest (Land-Management), Bhopal, Govt of M.P. vide letter dated 28.12.18, the amount for compensatory afforestation and soil water conservation including supervision charges is to be deposited. Further, APCCF (Land-Management), also directed DFO, Singrauli vide letter no. Dated 28.12.18 to issue demand letter to THDCIL for deposition of amount of NPV.
Revenue Land	178.13 Ha	<ul style="list-style-type: none">• On proposal for transfer/allotment of Govt. land of coal block area, Under Secretary, M.P. Govt. (Revenue Deptt.) vide letter dated 20.06.2018 was directed Collector, Singrauli to provide detailed fresh proposal for transfer of Govt. land as per present guide lines, only after 1st stage forest clearance forest land.• Collector has endorsed the proposal for compliance to SDM Deosar on 10.09.18. The matter was discussed with the SDM Deosar on 22.09.2018 and requested for early action. In the revised proposal area of Govt. land is likely to reduce from 209.08 Ha to 178.13 Ha (Approx.).• SDM, Deosar has directed Tehasildar, Sarai vide letter dated 24.10.18 to submit the detailed report within 07 days.• In compliance of above, a committee has been constituted vide letter dated 16.11.18 by Tehasildar, Sarai. Survey report was to be submitted after the Assembly polls.• Collector, Singrauli on 27th Dec. 2018 has directed to expedite the works. In a follow up meeting held on 05-01-19, all the departments except Forest deptt. have submitted their report to Tehasildar, Sarai.

		Report of Forest deptt.is expected to be submitted shortly. Final report will be forwarded by Tehasidar, Sarai to SDM, Deosar within a week.
Revenue Land (R&R site)	53.13	<ul style="list-style-type: none"> • Proposal for transfer/allotment of 45.50 Ha Govt. land at village Bihara, was submitted to Collector, Singrauli on 23rd March 2018, which was endorsed to SDM, Singrauli and DFO, Singrauli for submission of report. In the report submitted, ownership of proposed land was claimed by both the departments. • In a meeting, held on 10.09.2018, Collector, Singrauli directed to explore viability of alternative land in other villages. Accordingly, 53.13 ha govt. land has been identified in village Pachaur, Tehasil-Sarai, Disst.-Singrauli for development of R&R site. Proposal for transfer of above land has been submitted to Collector, Singrauli on 26th Oct. 2018. • Collector, Singrauli on 27th Dec. 2018 has directed SDM Deosar to expedite the transfer of Revenue land for R&R site and endorsed the proposal for further necessary action to SDM Deosar vides letter dt.31.12.18. • SDM, Deosar has asked vide letter dt. 29.12.18 to Regional Director, CMPDIL for communication of the status of exploration of the area proposed for development of R&R site.
Tenancy land	336.59	<ul style="list-style-type: none"> • Revised Award of 336.59 Ha private land along with draft R&R policy was signed by Land Acquisition Officer on 10.08.2018. The Collector has sent the proposal of revised award to acquisition officer for further examination. A meeting was held with Land Acquisition officer/SDM Deosar on 22.09.2018 in which all the aspects of revised award were discussed. • In a follow up meeting, held on 29th Dec. 2018, SDM, Deosar has endorsed the revised award to Tehasidar, Sarai for checking. In compliance to order of SDM, Deosar, Tehsildar, Sarai has checked and okayed the revised award and forwarded the same to SDM, Deosar in original on 08th Jan. 2019. In the meanwhile SDM (Mada) has been made Land Acquisition officer in place of SDM, Deosar by Collector, Singrauli on 15th Jan. 2019.

Environmental Clearance:

Environmental Clearance was already issued in the name of prior allottee i.e MPSMCL and the same shall be transferred in the name of THDCIL after 1st stage Forest Clearance, which is under progress.

Submission of Mining Lease Application to Collector, Singrauli:

- Mining lease application for Amelia Coal block (1591 Ha) was submitted to Collector Singrauli on 11.07.2018 which was endorsed to Incharge District Mining Office, Singrauli.
- The same has been forwarded for NOC/comments to Tehsildar, Tehsil-Sarai, DFO, Singrauli, Mining Inspector, Draftsman Mining Department, Sarpanch Gram Panchayat- Tenduha on 25.07.2018 within 30 days by Incharge District Mining Office, Singrauli.
- In this regard a notice has also been issued on 25.07.2018 for general public to submit their objection if any, within 30 days.

- Meetings were held with Principal Secretary (Mining), Addl. Secretary (Mining) and Director (Mining) on 16.10.2018 at Bhopal for expediting the process of grant of mining lease. Wherein, Addl. Secretary (Mining) directed District Mining Officer, Singrauli to forward the proposal at the earliest.
- To resolve the issue, on the request of THDCIL, again a meeting was organised on 12th Nov. 2018 in the office of Principal Secretary (Mining), Bhopal wherein after detailed discussion, THDCIL was directed to submit the Mining Lease application to Collector, Singrauli taking into consideration the land details of mining lease area applied by prior allottee.
- As per the direction given by Principal Secretary (Mining), Govt. of MP application for sanction of mining lease in "Form-I" has been submitted to Collector, Singrauli on 17th Nov. 2018.
- The matter was discussed with District Mining Officer on 20th Nov. 2018 and 30th Nov. 2018 in his office. During the discussion, it was assured by him that application will be forwarded to Director, Mining for further necessary action within a week time.
- Collector, Singrauli has forwarded above Mining lease application to Director (Geology & Mining), Bhopal vide letter No.10062/बनिज/कोयला/बनिज पट्टा/2018 dated 7th Dec. 2018.
- A follow up meeting was held on 21st Dec. 2018 with Director (Geology & Mining) at Bhopal. During meeting, THDCIL informed that "In-Principal" approval of 843.76 ha (instead of 1283.57 ha) forest land has been accorded.
- In view of above, Director (Geology & Mining) asked to submit the map with schedule of the revised forest area through DMO and Collector, Singrauli.

Infrastructure Works:

- Camp office of THDCIL is functioning at Waidhan, Distt. Singrauli, MP.
- Regarding construction power consisting, an online application for providing power connection by two nos. 33 kv separate power lines of 15 MVA load has been submitted on 14-12-18 and registration fee of Rs. 11,800 has also been paid on 18.12.18. Hard copies same with other requisite documents has been submitted on 18.12.18 to Executive Engineer (O&M) of MPPKVV Co. Ltd, Waidhan.
- For diversion of 3 Nos. of HT lines passing through Amelia Coal Block, THDCIL has already made a payment of ₹ 7.64 lakhs to PGCIL in the month of Jan'18. After getting NOC from CCF, Rewa on 23.08.18 survey work has also been completed. For forest clearance, proposal has been submitted to DFO, Singrauli on 11th Dec. 2018. Further, request of PGCIL regarding issuance of FRA certificate has also been forwarded by Collector, Singrauli to AC (Tribal), Singrauli for taking necessary action.

Consultancy Work:

- The contract for consultancy services related to Amelia Coal Mine for Preparation of Detailed Project Report (DPR), Demarcation of periphery, advice on various statutory clearances / approvals, tender processing for selection of Mine Developer and Operator (MDO) etc. has been awarded to JV of SBI Capital Markets Ltd. and Central Mine Planning & Design Institute Limited (CMPDIL) on 20.04.2017.

I. Detailed Project Report :

- DPR has been prepared by CMPDIL in December, 2017. As per DPR, the Project Cost is ₹ 2827.91 crore on departmental mining basis. As per Revised financial evaluation the total initial capital is ₹ 2586.54 crore.

II. Mine Developer and Operator (MDO):

- The estimated expenditure proposed to be incurred by THDCIL in developing Amelia Mine through MDO is ₹ 1587.16 Cr.
- Tender documents for selection of Mine Developer and Operator (MDO) for development and operation of Amelia Coal Mine for INR 1397.89Cr. (Including taxes & Duties), has been prepared and are under review.

Coal Evacuation:

- Survey works for alignment of Conveyor Belt System for evacuation of coal has been completed by CMPDIL.
- Work of demarcation of land of 25 M width along the surveyed alignment on revenue plan is under progress.
- NOC (No Objection Certificate) from Govt. of India, Ministry of Coal is to be obtained for above alignment.
- Land acquisition works will be taken up after obtaining NOC from MoC.

Completion Schedule:

After allotment Order of Amelia Coal Mine to THDCIL was issued on 17.01.2017, the mine is to be developed within a period of 44 months from the date of allotment. i.e. Sep-2020.

S. NO	Major Activity/Milestones	Timeline		Status
		Start	Finish	
1	Obtaining GR	Jan-17	Jan-17	Completed-Vested as per order 17.01.17
2	Submission of Bank Guarantee	Jan-17	Jan-17	Completed
3	Mining Lease Application	Jan-17	April-17	Completed
4	Submission of Mine Plan	Jan-17	Jan-17	Completed-Vested as per order 17.01.17
5	Approval of Mine Plan	Jan-17	Jan-17	Completed-Vested as per order 17.01.17
6	Application for Previous Approval	Jan-17	May-17	Completed
7	Granting Previous Approval	June-17	Feb-18	Completed-Mining lease approval vested in the name of THDCIL on 15.05.17
8	Application for Forest Clearance	Jan-17	Feb-17	Completed
9	Grant of Forest Clearance	March-17	Oct-18	Completed on 12.12.2018
10	Application for Evt. Clearance	Jan-17	Jan-17	Completed
11	Grant of Evt. Clearance	Feb-17	Oct-18	Ongoing
12	Grant of Mining Lease	Jan-17	Jan-19	Ongoing-Matter being pursued with deptt of Distt Administration
13	Land Acquisition (to Reach PRC)	Jan-17	July-20	Ongoing
14	Opening of Escrow Account	Jan-20	Aug-20	Ongoing
15	Application to CCO for Opening	April-20	Aug-20	Ongoing
16	Grant of Opening Permission	Aug-20	Sep-20	Ongoing

Expenditure on the Project

Expenditure incurred on Amelia Coal Mine till Jan'19 is ₹ 66.86 Cr.

Budget Estimate V/S Expenditure: Total BE 2018-19 is ₹ 69.19 Cr.

Expenditure during the month is ₹ 0.82 Cr. against BE of ₹ 13.51 Cr. Cumulative expenditure during 2018-19 is ₹ 26.62 Cr. against corresponding BE of ₹ 42.16 Cr.

