

## OTHER ENERGY SECTORS

### 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 31<sup>st</sup> 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, Utrakhand, Rajasthan, Himachal Pradesh and Delhi. 9264MU of energy at 85% PLF will be available for export to the grid from the project.

#### PIB Approval

- For Pre-Investment:**

PIB Approval for incurring expenditure of Rs 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 Rs.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 March-19	Remarks
1.	DPR	10.00	6.12	Completed
2.	1201 acre Land for plant	387.18	270+40+19.12	Possession already taken, lease deed yet to sign
3.	89 acre land Re-routing NH-91	110.64	100	Under process through NHAI
4.	123 acres land for rail and water corridor	61.00	-	Land acquisition under process through SLAO
5.	Fencing, leveling & establishment for secure possession of land	17.00	16.80	Fencing completed, Boundary wall in progress. Office & Transit Camp running at site

- Investment Approval:**

- Subsequent to PIB clearance in meeting held on 27-02-2019, CCEA has also approved the investment approval for Khurja Super Thermal Power Plant (STPP) in District Bulandshahar of Uttar Pradesh and Amelia Coal Mine in District Singraulli, Madhya Pradesh at an estimated cost of Rs.11,089.42 crore and Rs. 1587.16 crore (Dec-17 PL) respectively on 07.03.19.
- Hon'ble Prime Minister has also laid foundation stone of Khurja Super Thermal Power Project on 09.03.2019.
- The first year tariff and the levelised tariff of the project work out to Rs 3.90/ unit and Rs 3.61/ unit respectively.

- THDCIL has already signed Power Purchase Agreement with Uttar Pradesh for purchase of 60% of Power from Khurja STPP.

**Present status is as follows:**

All the construction works at site remain suspended from 25.03.2020 in compliance to Govt. of India order declaring countrywide 21 days Lockdown w.e.f. 25.03.2020 due to pandemic COVID-19.

Sl. No.	Head	Present Status
1	Consultancy for Pre-award & Post Award	<ul style="list-style-type: none"> <li>• 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.</li> </ul>
2	<b>Award of Package (NTPC Scope)</b>	
A.	<b>SG Package</b>	<ul style="list-style-type: none"> <li>• First main package “Steam Generator and associated packages including site leveling (SG Pkg)” has been awarded to M/S L&amp;T MHPS Boiler Pvt. Ltd. (LMB) for INR 4087 Cr. (including taxes &amp; duties) on 29.08.2019 and agreement has also been signed on 18.10.19.</li> <li>• Advance against down payment i.e. Rs 218 Cr. has been released.</li> <li>• Topography Survey and Geotechnical Investigation has been completed by M/s LMB</li> <li>• Site Leveling and area grading work are under process.</li> <li>• M/s LMB has handed over TG Main Power House area to M/s BHEL on 14.02.20 and entire TG Lay down area is likely to be handed over shortly.</li> <li>• Work of priority roads has been taken up.</li> <li>• Components of 60 Cum/hr capacity Batching Plant of RMC contractor has reached at site on 13.02.20.</li> <li>• M/s LMB has awarded the work of Aligarh drain Diversion to M/s Global Construction and work commenced at site from 28.02.2020.</li> <li>• Supplies for construction power-ring main works have been ordered and Civil works are in progress.</li> <li>• Work for Test piles and Job piles have also been awarded and the agencies are in the process of mobilization.</li> </ul>
B.	<b>TG Package</b>	<ul style="list-style-type: none"> <li>• Second main package namely “Turbine Generator and associated packages (TG Pkg)” for INR 1575 Cr. (including taxes &amp; Duties), has been awarded to M/S BHEL on 03.10.2019.</li> <li>• Contract agreement has been signed on 22.10.19.</li> <li>• Advance down payment of Rs. 84.15 Cr. has been released on 25.10.2019.</li> <li>• Site mobilization started and Topography Survey and Geotechnical investigation has been completed.</li> <li>• Geo Technical Investigation Report has been submitted by BHEL.</li> <li>• Survey work for Pillars &amp; Bench Marks construction is presently going on.</li> <li>• <b>BHEL has awarded work of enabling work agency to M/s Gupta</b></li> </ul>

		<p>Engineering on 12.03.20.</p> <ul style="list-style-type: none"> <li>Award of material handling agency, ground improvement works, main plant civil work, main plant structural work etc. are in process by BHEL.</li> </ul>
C.	<b>Switchyard Package</b>	<ul style="list-style-type: none"> <li>Third main package namely, Switchyard package has been awarded to M/s GET&amp;D on 26.02.2020 for INR 112.05 Cr. (including taxes &amp; Duties).</li> <li>Kick off meeting was held on 06.03.20.</li> </ul>
D.	<b>Water System Package</b>	<ul style="list-style-type: none"> <li>The Tender of "Water System Package" is of INR 364 Crs. (including taxes &amp; Duties).</li> <li>Price bids have been opened on 29.01.20.</li> <li>Tender has been annulled due to high price quoted by the bidders.</li> <li>Retendering is under process.</li> </ul>
E.	<b>Coal, Limestone and Gypsum Handling Plant Package</b>	<ul style="list-style-type: none"> <li>The NIT of fifth package "Coal, Limestone and Gypsum Handling Plant Package" for INR 512.80 Cr. (including taxes &amp; Duties) was published on 12.07.19.</li> <li>Bids opened on 15.11.19 and techno-commercial evaluation of has been finalized by NTPC.</li> <li>Price bids have been invited on 16.03.20 and date of opening of price bids has been extended from 31.03.20 to 21.04.20.</li> <li>Award of this package is targeted by May-20.</li> </ul>
F.	<b>Ash Dyke Package</b>	<ul style="list-style-type: none"> <li>The Tender of "Ash Dyke Package" is of INR 333.29 Crs. (Including GST).</li> <li>After detailed investigations and consultation with IIT Delhi, the pending issue of Liquefaction in Khurja STPP has also been finalized.</li> <li>Tender documents which were pending due to above issue are now under finalization by NTPC.</li> <li>Target for NIT for both packages is by June-20.</li> </ul>
G.	<b>Misc. Building and other packages</b>	<ul style="list-style-type: none"> <li>The Tender of "Misc. Building and other packages" is of INR 78 Crs. (Including GST).</li> <li>After detailed investigations and consultation with IIT Delhi, the pending issue of Liquefaction in Khurja STPP has also been finalized.</li> <li>Tender documents which were pending due to above issue are now under finalization by NTPC.</li> <li>Target for NIT for both packages is by June-20.</li> </ul>
2	<b>Land Transfer, secure possession &amp; Lease Deed</b>	<ul style="list-style-type: none"> <li>Physical possession of total 1200.843 Acres land including Gram Sabha land has been obtained.</li> <li>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.</li> <li>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</li> </ul>

		<p>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.</p> <ul style="list-style-type: none"> <li>• To expedite signing of lease deed, Meeting with RM-Kasna and Ex. Engr. – Kasna was held at their office on 04.02.2019.</li> <li>• A meeting with the MD (UPSIDC) &amp; Secretary (Industries) was held at Lucknow on 10.07.2019 to settle the issue of payments and to expedite the signing of Lease Deed.</li> <li>• The signing of Lease Deed is still pending as one of the pre-requisites i.e. disbursement of payments to all the affected landowners is on hold due to the Court case in the Hon'ble High Court, Allahabad.</li> </ul>
3	<b>Establishment</b>	<ul style="list-style-type: none"> <li>• Site office is functional since 01.10.2016 and besides solar power, power supply from UPPCL has also been arranged.</li> <li>• Transit Camp / Guest House near Site Office is also functional since Mar-18.</li> <li>• 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.</li> <li>• Work for construction of 24 no room guest house awarded to UPRNN is in progress. Concreting of 2<sup>nd</sup> floor slab is completed and the remaining construction work is in progress.</li> </ul>
4	<b>Construction Power</b>	<p><b>1<sup>st</sup> Ckt of 33 KV line:</b></p> <ul style="list-style-type: none"> <li>• Work for construction of 33 KV line from Palra Substation has been awarded by PVVNL on 21.11.2019.</li> <li>• The work of erection of poles is in advance stage. Out of total 278 poles (revised), 265 poles have already been erected at site, Overhead conductor laying has been completed for full length of 11000 m and cable has been laid for 1280 m. Due to local issues the route has been diverted and revised estimate for the diversion has been approved by the competent authority of PVVNL. Work is now expected to be completed by end of April-20.</li> </ul> <p><b>2<sup>nd</sup> Ckt. of 33 kV line:</b></p> <ul style="list-style-type: none"> <li>• Regarding alternative 5 MW construction power, survey work has been completed. The estimate submitted by Executive Engineer, PVVNL for release of payment has been approved by competent authority.</li> <li>• Partial payment of Rs. 4.72 Cr. has been released to PVVNL and they are asked to expedite further tendering process.</li> </ul>
5	<b>Rail corridor (Railway siding)</b>	<ul style="list-style-type: none"> <li>• The mode of coal transportation from the coal mine to Power Plant is by Indian Railway system. The nearest rail head to project site is Danwar Railway station which is approx. 5 Km from Project site</li> <li>• DPR has been prepared by RITES, further, MOU for Detailed Engineering and Project Management Consultancy has been</li> </ul>

		<p>signed with RITES Ltd on 14.05.19.</p> <ul style="list-style-type: none"> <li>• <b>Land Acquisition:</b> <p><b>A) Private Land-</b> SLAO Bulandshahr has issued the notification on 25th April'19 to start the Land Acquisition process. Acquisition of 36.85 Ha.land is being done as per land acquisition act 2013. However, due to frequent transfers of the SLAOs, the land acquisition process has been delayed. Section-11 notification published on 26.01.20. Following target dates are to be revised after lock down due to COVID-19 is over :</p> <ul style="list-style-type: none"> <li>• Section-19 notification by 15.04.2020</li> <li>• Land possession of 1<sup>st</sup> patch of land by May-20 and</li> <li>• Completion of land Acquisition by Jun-20</li> </ul> <p><b>B) Railway Land-</b> The matter of transfer of required railway land in the name of THDCIL is in advanced stage. Following target dates are to be revised after lock down due to COVID-19 is over :</p> <ul style="list-style-type: none"> <li>• Signing of MoU between Railways and THDCIL by the end of Mar-20.</li> <li>• Land availability by Apr-20.</li> </ul> </li> <li>• <b>Award of Civil works:</b> <ul style="list-style-type: none"> <li>• M/s. RITES has been appointed as Detailed Engineering &amp; Project Management Consultant (PMC) for the execution of construction of Railway Siding.</li> <li>• NIT for both civil work package of Railway Siding has been issued on 07.01.2020 and Techno-Commercial bids have also been opened on 03.03.2020 &amp; 04.03.2020 respectively and are under techno-commercial evaluation by M/s RITES.</li> <li>• Award of 1st Package of Civil Work contract of Railway Siding to be completed by April-2020 and entire work of Railway Siding shall be completed within 22 months (i.e. by Feb-2022).</li> </ul> </li> </ul>
6	<b>Water corridor (Makeup water)</b>	<ul style="list-style-type: none"> <li>• Formal water commitment letter for providing 43 Cusec waterfor Ash Water Recirculation System from Upper Ganga Canal at just 11 Km from project site has been issued by Water Resources Department, GoUP on 12.06.2014.</li> <li>• Scheme of makeup water in pumping mode by laying pipe in Mundakhera distributory has been finalized to avoid future pilferage and interruption by villagers.</li> <li>• <b>Make-up Water System:</b> <p><b>Work by UPID:</b></p> <ul style="list-style-type: none"> <li>• In lieu of providing 43 Cusec water from Upper Ganga Canal, THDCIL has to compensate UPID by providing funds for Canal Lining.</li> <li>• Lining of distributory of Upper Ganga Canal has been taken up by UPID.</li> <li>• Rs.5.0 Cr. has been released by THDCIL to UPID on 30.07.19</li> </ul> </li> </ul>

		<p>as advance. The lining work is in progress.</p> <ul style="list-style-type: none"> <li>• Signing of MoU is to be done after finalisation of royalty sought by UPID.</li> </ul> <p><b>Work by UP Jal Nigam:</b></p> <ul style="list-style-type: none"> <li>• MoU has been signed between THDCIL and Jal Nigam for the work of preparation of DPR and construction of makeup water system.</li> <li>• DPR for downstream works of head regulator to pump station and downstream works to raw water reservoir in plant which includes intake structure, intake to reservoir pipeline, electrical system with power line and pump house has been submitted by UP Jal Nigam on 27.01.2020 and comments on the DPR has been submitted by THDCIL and Jal Nigam has been asked to resubmit the DPR after incorporating the same.</li> <li>• Techno-Commercial Bid of Works (Civil &amp; Electrical) opened on 07.02.20 and the same is under evaluation.</li> </ul>
4	<b>Re-routing of National Highway (NH-91)</b>	<ul style="list-style-type: none"> <li>• National Highway (NH-91), passing through the project land, is under re-routing by National Highways Authority of India (NHAI). Detailed Project Report has been prepared.</li> <li>• THDCIL has already released an amount of Rs. 150 Cr. to NHAI against land acquisition.</li> <li>• Land acquisition process has been completed. Section-3(G) i.e. award by CALA of the acquired area is has been done on 31.01.20. Disbursement of payment &amp; physical possession of land is under progress and expected to be completed within one month after lock down due CORONA pandemic is over.</li> <li>• Tender for rerouting of National Highway has been opened on 05.02.20. Bids are under technical evaluation. Price bid for the same was expected to be opened on 27.03.20, but couldn't be opened due to CORONA lockdown. New date of Price Bid Opening and subsequent Award of work will be announced after normalization of the situation. Work is scheduled to be completed by Aug-22.</li> </ul>
8	<b>Construction of Boundary Wall</b>	<ul style="list-style-type: none"> <li>• Out of total 11.5 Km, boundary wall in 3 Km has been completed whereas work up to plinth level in a length of 8 Km has been completed.</li> <li>• Casting of wall panels is also in progress.</li> <li>• Work above plinth level could not be taken up due to resistance by local villagers. However, with the help of police force and District Administration the same shall be taken up very soon.</li> <li>• The construction of complete boundary wall is under progress and shall be completed by Aug'20 as per schedule.</li> </ul>
9	<b>Environmental Clearance</b>	<ul style="list-style-type: none"> <li>• Environmental Clearance has been accorded to the project on 30.03.17, vide MoEFCC's letter No: J/13012/100/2011-IA.II(T).</li> <li>• NOC from "Consent to Establish" has been granted by SPCB on 13.06.2018.</li> </ul>

10	Clearance of Airport Authority of India (AAI)	<ul style="list-style-type: none"> <li>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.</li> </ul>
11	Shifting 11 KV and 33 KV transmission lines.	Both 11 KV and 33 KV transmission lines have been shifted.
12	Status of Connectivity and Long Term open Access for Evacuation of Power	<p>In 40<sup>th</sup> Meeting of Standing Committee on Power System Planning of Northern Region held on 22<sup>nd</sup> June, 2018 (Friday) in New Delhi, the following was agreed:</p> <ul style="list-style-type: none"> <li>THDC to apply for connectivity and LTA (for quantum of allocated power to other States except UP) to CTU</li> <li>CEA / CTU to carry out the studies to plan the evacuation system for Khurja STPP.</li> <li>The connectivity lines (along with the bays) to the nearest ISTS point (to be decided after studies) may need to be implemented by THDC as per the regulations.</li> <li>UPPTCL to draw their share of power from Khurja STPP switchyard bus bar.</li> </ul> <p>Proposal of connectivity and Long Term Open Acces for Evacuation of Power from Khurja STPP has been submitted for consideration (40% of the installed capacity i.e. 528 MW through CTU (PGCIL) and 60% of the installed capacity i.e. 792 MW through STU (UPPTCL)).</p> <p>CTU in meeting dtd.28.01.20 has agreed for Grant of Connectivity. However, Formal intimation in this regard is be received.</p> <p>Matter is being taken up with CEA/ CTU (PGCIL) and STU/UPPTCL.</p> <p>PGCIL in-principle agreed to take up the work and emphasized that connectivity application should be filed immediately along with LTA by THDCIL to CTU/CEA, which is prime requirement to conduct necessary studies.</p> <p>THDCIL vide letters dtd.11.12.19, 01.01.20 &amp; 20.01.20 had requested PGCIL to send project specific draft MoU and formal proposal for undertaking the construction of transmission line to nearest ISTS point. PGCIL vide letter dtd.27.01.2020 has submitted their offer and draft agreement. Salient features of PGCIL's offer are Estimated Cost Rs.114.15 Cr., Consultancy fee payable to PGCIL (i.e. 15% of final actual executed cost + 18% GST) &amp; Completion Schedule 24 months from date of agreement or date of receipt of 25% advance whichever is later. PGCIL's offer is under review</p> <p>Target for completion of work is by Jul-2022.</p>

## **CSR Works :**

### **Women Empowerment Centers :**

- **Computer training centre at affected villages:** Till date, 04 sessions of computer training at the villages Unchagaon, Dasherri and Jahanpur have been successfully concluded. Proposal for extension/opening of Computer Centers at Village Unchagaon & Rukanpur is under process by THDCIL.
- **Stitching Training Center at affected villages:** Previously, 03 sessions of stitching training at the village Unchagaon, Rukanpur & Dasherri has been successfully concluded. Further on request of villagers Stitching Training Centre at Project affected villages Jahanpur & Dushera Khereli has been reopened w.e.f. 01.02.2020. The centers are running successfully.
- **Beauty parlor training/course:** As per the demand of local peoples particularly the women during the stake holder's meet, proposal for opening of Beauty parlor training course is under process by THDCIL.
- **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 have also been installed.
- **Running of Dispensary:** After approval for opening of Dispensary for the benefit of the affected villagers, the dispensary has been furnished and started operation w.e.f. 01.01.2019. The dispensary is successfully serving the affected villagers and has made a great impact on the villagers in favour of the project. In the month of Mar-20 (upto 24.03.20) a total 700 patients (340 male & 360 female) have taken medical advice from the Dispensary. Till date around 12,700 patients have been benefited from the dispensary.
- **Nutritional Supplements in schools:** One month Nutritional supplements have been provided in 7 project affected govt primary & Junior high schools. The total beneficiaries in these 6 schools are 400.
- **Job oriented Skill Development Programme :**
  - Development Programs are being framed in consultation with community based on the requirements. Job oriented Skill Development (Sauryamitra through IL&FS) Training for ITI passed 18 nos. suitable candidates from project affected families has been arranged. Training at Kanpur completed on 17.03.20 successfully. Job offer letter has been issued to 10 candidates undergoing Saurya Mitra training at Kanpur. In view of complete lock down situation in the country due to COVID-19 pandemics, candidates could not give their joining.
  - Efforts are being made to arrange skill development training for the project affected youths through local private ITIs. In this continuation 143 local youths of project affected villages (PAVs) have been admitted to various ITI programs. Training is undergoing smoothly.
- Stake holder's meets for need assessment scheduled in March-20 could not be organized on the request of Gram Pradhan as the restriction on mass gathering has been imposed by Distt. Administration due to spreading of COVID-19.



- Construction of toilets at Tehsil-Khurja is completed.

#### **Hindrances in works:**

- UPSIDC while acquiring land in 1991-95, paid full compensation to villagers. Since physical possession of land was not with UPSIDC, it was agreed to pay Ex-gratia amount @ Rs. 721/SqM in 2015-16 through SLAO in addition by THDCIL. Before disbursement/receiving the Ex-gratia for more than 90% of land, the Affidavit by PAF's having undertaking was given, duly confirming to withdraw all cases pending in any Court, not to file any fresh case and allow peaceful possession of land after receiving Ex-gratia. Despite of this, some villagers, even after receiving Ex-gratia, are sitting on Dharna. They are demanding unlawful demand of four times compensation on present circle rates, one employment to each family and distribution of developed land.
- In the meantime, further disbursement of Ex-gratia to farmers and signing of lease deed was held up due to court case filed by one PAF named Mr. Kamal Singh & others from Dashehra village in Allahabad High court.
- The investigation and infrastructure works being carried out at site have been intermittently hindered. THDCIL, several times have tried to pacify the farmers, also disseminated among villagers that if Hon'ble High Court directs to disburse ex-gratia at the rate of four times of circle rate, then THDCIL would have no objection to implement it.
- On the other hand, Hon'ble Court has also raised objection even for payment of Ex-gratia to farmers.
- Distt. Administration is also not able to disburse Ex-gratia to remaining 10% PAFs, as DM has submitted Affidavit in Hon'ble Court that no disbursement shall be made till further orders are issued by Hon'ble Court.
- Hon'ble Chief Minister of GoUP has also been apprised by meeting personally by CMD, THDCIL and GM (Khurja) on the issue on 10<sup>th</sup> July-19. Request was made for his kind intervention for Police action and getting work done under umbrella of PAC.
- Hon'ble Chief Minister (GoUP) instructed Principal Secretary (Energy /Home/ Industrial Development) to jointly call a meeting and resolve the issue. Meeting held on 05.08.19 at Lucknow wherein District Administration was instructed to ensure unhindered work progress at Khurja project site.
- Sh. Alok Kumar, Principal Secretary (Energy), GoUP vide letter dtd 15.10.19 has requested DM, Bulandshar, UP to intervene in the matter for unhindered progress of Site works.
- Director (Technical), THDCIL vide letter dtd.13.01.20 has requested Chief Secretary, GoUP that District Administration may be directed to resolve the issues of shifting of 85 unauthorized households residing at Nagla located at project land to village Rukanpur outside plant boundary and uninterrupted construction of boundary wall.
- Hearing has been concluded and order has been pronounced by Hon'ble High Court of Allahabad on 10.02.2020 in case of Kamal Singh & family and others.
- Four writ petitions challenging land acquisition by UPSIDC has been dismissed.
- In case of five other writ petitions relating to the interpretation of Section-24 under new land acquisition act, 2013 Hon'ble High Court has not passed order at this stage.

- Further, there is no change in the status of writ petition wherein some PAFs prayed for getting their land back on the pretext that their land was not acquired by UPSDC/ THDCIL/ State of UP and same is under possession of THDCIL.
- Next date of listing is 11.05.2020.
- Regarding Court Case and its judgment, MoP has already been apprised vide letter no. THDCIL:RKSH:1459, dtd.13.02.20 and letter no. THDCIL:RKSH:1465, dtd.24.02.20.
- Dharna is still continuing and the villagers are not allowing the construction of Boundary wall above plinth level. Further, there may be chances of intrusion/ loss of material in absence of boundary wall.
- Recently the work was again stopped by local villagers from 17.02.20 to 19.02.20.
- THDCIL is in constant touch with the local District Administration.

### **Completion Schedule:**

After investment approval, by Cabinet Committee on Economic Affairs (CCEA) for Project on 07.03.19, 1<sup>st</sup> & 2<sup>nd</sup> Units are proposed to be commissioned on Aug-23 and Feb-24 respectively.

### **Expenditure on the Project**

Expenditure incurred on Khurja STPP till **March-2020 is ` 928.30 Cr.**

**Budget Estimate V/S Expenditure:** Expenditure done during the month is ` **9.68 Cr.** against BE of ` 24.00 Cr. Cumulative expenditure during F.Y. 2019-20 till Mar-2020 is ` **429.85 Cr.** against total BE of ` 441.19 Cr.

## AMELIA COAL MINE (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 of Rs 33.10 Crs as first installment of the upfront amount, Rs 4.5 Crs as fixed amount and submission of Bank Guarantee for Rs 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.

### Present status is as follows:

Various works related to Amelia Coal Mine remain suspended from 25.03.2020 in compliance to Govt. of India order declaring countrywide 21 days Lockdown w.e.f. 25.03.2020 due to pandemic COVID-19.

### Land:

Detail about Land of Amelia Coal Mine is as follows:

Forest Land	843.76 Ha	<ul style="list-style-type: none"> <li>• Stage-I Forest Clearance has been accorded by MoEF&amp;CC, GOI for diversion of 843.76 ha forest land vide Order no. F.No. - 8-06/2007-FC dated 12.12.2018.</li> <li>• Compliance report submitted to APCCF (LM), Bhopal by THDCIL on 18.10.19 has been forwarded by APCCF (LM), Bhopal to IG (FC) MoEF&amp;CC, Gol, New Delhi on 06.11.19 for Stage-II FC.</li> <li>• MoEF&amp;CC vide letter dtd.13.12.19 has sought some clarification/ information on Compliance report from Principal Secretary (Forest), Bhopal.</li> <li>• In compliance to observations of MoEF&amp;CC, THDCIL vide Letter dtd.14.01.2020 has submitted reply of the observations to APCCF (LM) and has requested to forward the same to MoEF&amp;CC.</li> <li>• APCCF (LM), State Forest Dept, Bhopal are working on other clarifications/ observations sought by MOEF&amp;CC and shall submit the reply shortly.</li> <li>• Matter is being perused with APCCF (LM), Bhopal &amp; MOEF&amp;CC New Delhi for Stage-II FC.</li> </ul>
Revenue Land (of Coal Block)	178.13 Ha	<ul style="list-style-type: none"> <li>• Collector (Singrauli) in meeting held on 04.04.2019, directed to submit the proposal according to section-247 of Madhya Pradesh Land Revenue Code-1959. Accordingly, proposal for allotment of 178.13 Ha. Govt. land submitted on 04.05.2019.</li> <li>• JS, MoC has requested Collector (Singrauli) on 11.06.19 to do needful regarding transfer of revenue land at the earliest.</li> <li>• Collector, Singrauli has passed the order on 15.10.19 for change of land use of Govt. land which were reserved for common purposes.</li> </ul>

		<ul style="list-style-type: none"> <li>• In the meeting held on 13.12.2019 Collector, Singrauli told that permission under section 247 of MPLRC will be given after grant of mining lease for the said land by Govt. of MP (Mining Deptt.).</li> <li>• However, THDCIL may apply for specific permission for particular portion of land if urgently required to start coal mining related works.</li> <li>• Collector, Singrauli also mentioned that demand for depositing premium/ bhu-bhatak against transfer of 178.13 Ha Govt. land will be raised shortly. After checking of proposal of transfer of Govt. land, the proposal has been submitted by Tehasildar, Sarai to SDM, Deosar, which has been forwarded by SDM, Deosar to Collector, Singrauli on 13.03.2020.</li> <li>• Stage-II Forest Clearance is under approval, once obtained the same shall be submitted to Deptt. of Mineral Resources for grant of Mining Lease. After grant of Mining lease matter will be taken up with District authorities, Singrauli by THDCIL.</li> </ul>
Revenue Land (R&R site)	53.13 Ha	<ul style="list-style-type: none"> <li>• As directed by Collector (Singrauli), 53.13 Ha. Govt. land was identified in village Pachaur, Tehasil-Sarai, Distt.-Singrauli. The proposal for allotment of said Govt. Land for development of R&amp;R site was submitted on 26.10.2018, which was forwarded to SDM (Deosar) on 31.12.2018.</li> <li>• Commissioner, Rewa has forwarded the proposal of approval for declaration of proposed land for R&amp;R colony as “Abadi Land” to PS (Revenue), Govt. of MP, Bhopal on 07.12.2019 which is under process at Mantralaya, Bhopal.</li> <li>• Collector, Singrauli has given permission on 13.12.2019 to start the works related to development of R&amp;R colony in anticipation of declaration of said land as “Abadi Land” by Govt. of MP, with the conditions that any development work shall not be started without approval of the layout plan by the office of Collector, Singrauli.</li> <li>• “PS (Revenue)”, MP Govt., Bhopal on 20.12.19 has assured for an early action for declaration of “Abadi Land”.</li> <li>• As per instructions issued by SDM, Deosar, a committee of 4 members has been constituted by Nayab Tehsildar, Sarai for the demarcation of boundary of 53.13 ha Govt. land of R&amp;R site in Pachaur village. Demarcation work is likely to be started very soon after completion of serving notices to the beneficiaries by Revenue Deptt.</li> <li>• Collector, Singrauli vide letter dated 28.01.2020 has raised a demand from THDCIL for deposition of compensation amount of Rs 5.21 Cr. against premium and land rent (Bhu-Bhatak) for 53.13 ha Govt. land of R&amp;R site in Pachaur village including cost of properties. As conveyed by Collector, Singrauli the demand letter for deposition of compensation amount of Rs.5.21 Cr. will be revised.</li> <li>• IIT Roorkee has completed the survey work of proposed R&amp;R site and revised report as per requirement is under finalization by IIT Roorkee.</li> <li>• After receipt of survey report from IIT Roorkee and finalization of report of Distt. Administration regarding number of PAF’s opting for houses/plot/cash compensation against R&amp;R policy, layout plan will</li> </ul>

		<p>be prepared and approval from Collector, Singrauli will be obtained.</p> <ul style="list-style-type: none"> <li>• Matter is being followed up with Distt. Authority, Singrauli.</li> </ul>
Tenancy Land	337.35 Ha	<ul style="list-style-type: none"> <li>• Revised award has been declared by Land Acquisition Officer/ Collector Singrauli on 31.08.2019.</li> <li>• Apportionment of compensation amount among current land owners and work of preparation of notices has been completed. Serving of notices to the beneficiaries has been started from 20.02.20 by concerned District officials and approximately 600 notices out of 1009 have been served to beneficiaries. Serving balance notices are in progress.</li> <li>• Initial list of eligible PAF's for resettlement benefits has been finalized and order dated 18.03.2020 has been issued by Land Acquisition Officer for publication of the list of displaced families. However as directed by Collector, Singrauli the list is to be published in local newspapers and electronic media for wide publicity.</li> <li>• Option from eligible PAF's will be obtained confirming their willingness for houses/ plot/ cash compensation in lieu of resettlement as per provisions of approved R&amp;R policy.</li> <li>• R&amp;R policy for 337.35 Ha. land has been approved by Commissioner, Rewa. Copy of approved R&amp;R policy received from ADM, Singrauli vide letter dated 03.01.2020.</li> <li>• During the review meeting held on 10.01.2020 under the Chairmanship of Collector, Singrauli, he has directed that only those persons will be considered for R&amp;R benefits who are ancestral land owners. Current registry holders will not be eligible for R&amp;R benefits.</li> </ul>

### **Power supply connection for Amelia Coal Mine:**

Approval for 10 MVA power supply on 33kv from 132 KV S/S Rajmihan for Amelia Coal Mine has been given by S.E., MPPKVV, Waidhan on 18.06.2019 subject to compliance of conditions.

In view of reduction in PRC from 7 MTPA to 5.6 MTPA a request letter for change of load from 10 MVA to 8 MVA has been submitted to SE, MPPKVV vide letter dated 14.11.19.

Joint site visit of Nagwan substation and of the proposed alignment of power line with EE (Rural), MPPKVV has been carried out on 17.12.2019.

As per letter dated 21.01.20 of Superintending Engineer, MPPKVV, Waidhan, fresh application for 8 MVA power connection has been made online on 24.01.20 and registration charge is deposited against online generated note on 30.01.20.

Demand letter dtd.20.02.20 for deposition of security deposit amounting ₹ 2.86 Cr. and ₹ 60 lakh as supply affording charges from SE, MPPKVV, Waidhan has been received.

**Rs. 3.57 Cr has been deposited as per the generated demand note to MPPKVCL, Jabalpur on 20.03.2020. Approval for signing HT agreement has been accorded by competent authority on 25.03.2020.**

### **Diversion of 3 Nos. of HT lines :**

MOU for diversion/shifting of existing 3 Nos. HT lines passing through Amelia Coal Mine has been signed with PGCIL on 28.03.2019. Further, an amount of Rs.19.14 Cr. has also been paid on 28.03.2019.

The work of shifting of HT Lines has been awarded by PGCIL to M/s R. S. Infra. Noida on 28.11.2019 at an awarded cost of ₹ 45.12 Cr.

Detail & Check survey work started (in non-forest Area + Forest Area) through M/s. RS Infra. Matter is being regularly followed up with PGCIL for timely shifting of HT lines.

### **Forest Clearance for diversion/ shifting of existing 3 Nos. HT lines :**

Proposal for forest clearance for diversion/ shifting of existing 3 Nos. HT lines passing through the Amelia Coal Mine has been forwarded by CCF, Rewa to Forest Office, Bhopal on 12.06.2019. DGM (PGCIL) informed that NOC for elephant corridor has been issued by Singrauli Forest Division.

Stage-I Clearance of 24.4 Ha forest area has been granted by MOEF&CC on 27.01.2020. Demand Note against 24.4 Ha Received on 14.02.2020 from DFO. Fund Deposited against Demand Note for 24.4 Ha on 02.03.2020. Approval for 29.2 Ha is also granted by MoEF&CC on 20.02.2020. Demand Note against 29.2 Ha is received.

Final working permission will be issued by DFO and tree felling work will be started by respective forest range office. The construction work will be started after felling of tree by forest department is complete.

Matter is being regularly followed up with PGCIL for expeditious completion.

### **Environmental Clearance:**

Environmental Clearance was issued in the name of prior allottee i.e. MP State Mining Corporation Limited (MPSMCL) which is to be transferred in the name of THDCIL only after grant of 1<sup>st</sup> stage Forest Clearance. A review meeting was called by JS (thermal), MoP on 22.10.19 wherein it was decided that MoP shall take up the issue with MoEF&CC.

JS (Thermal), MoP vide letter dtd. 18.11.19 has requested JS (MoEF&CC) for transfer of EC in the name of THDCIL at the earliest. Dy, Secy, O/o NA, MoC vide letter dtd 27.11.2019 also requested MoEF&CC to ensure early transfer of EC in favour of THDCIL. Copy of the approved Revised Mining Plan is to be provided for the transfer of EC in the name of THDCIL which is under process at MoC.

Once Revised Mining Plan got approved, the same shall be submitted to MoEF&CC for transfer of EC in the name of THDCIL.

Matter is being regularly followed-up with NA, MoC and MoEF&CC.

### **Grant of Mining Lease:**

Proposal for grant of Mining Lease is in the process at the office of Director (Geology & Mining), Govt. of MP, Bhopal. Matter was discussed with Director, Mining on 20.12.19. Director, Mining emphasized that Mining lease can be sanctioned only after Stage-II/ Final Forest Clearance.

Stage-II forest clearance is under process at MoEF&CC& APCCF (LM), once obtained the same shall be submitted to Deptt. of Mineral Resources for grant of Mining Lease.

Matter will be pursued with PS (Mining) for sanction of Mining Lease after submission of Stage-II Forest Clearance.

### **Revised Mining Plan:**

Revised Mining Plan including Mine Closure Plan (Text & Plates), prepared by CMPDIL, submitted to MoC on 06.12.19 for approval.

Revised Mining Plan was presented to the Technical Members of the Standing (Tech) Committee of MoC for their consideration on 13.01.2020 at MoC.

MoC on 13.01.20 conveyed the observations of the Standing (Tech) Committee.

The reply/compliance of observations of the Standing (Tech) Committee submitted to MoC vide letter dtd.03.02.2020 and the same was also put up in Standing (Tech) Committee meeting held on 06.03.20. Matter is under process of approval.

In compliance to observations of the Standing (Tech) Committee Work of detailed exploration and preparation of Geological Report of Amelia Coal Mine has been awarded to CMPDIL vide LOA dtd.17.02.2020. Exploration work for preparation of Geological Report of Amelia Coal Mine started at site is in progress. Drilling and Geophysical logging of 11 Boreholes out of total 86 has been completed.

Matter is being regularly followed-up with NA, MoC and MoEF&CC for approval of Mining Plan.

#### **Infrastructure Works:**

- Camp office of THDCIL is functioning at Waidhan, Distt. Singrauli, MP.

#### **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.

#### **Detailed Project Report :**

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

#### **Mine Developer and Operator (MDO):**

- The estimated expenditure proposed to be incurred by THDCIL in developing Amelia Mine through MDO is Rs 1587.16 Cr.
- Tender documents for selection of Mine Developer and Operator (MDO) for development and operation of Amelia Coal Mine has been prepared. After approval of MoC on Revised Mining Plan including Mine Closure Plan (Text & Plates), submitted to MoC on 06.12.19 and finalization of Project Report, tender for appointment of MDO will be processed.

#### **NoC from MoC for Coal Evacuation Corridor & Railway Siding :**

- 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.
- CMPDIL has submitted layout of coal evacuation corridor and railway siding which involves 26.22 Ha land. The breakup of which has been worked out as forest land (0.72 Ha), govt. land (16.52 Ha) and private land (8.98 Ha) approximately.
- JS (Thermal), MoP vide letter dtd.18.11.19 has requested NA (MoC) for expediting the issue of NoC in respect of Coal Evacuation Corridor for Amelia Coal Mine. Under Secretary, O/o

NA, MoC vide letter dtd 26.11.2019 has sought comments from DS (CBA-II), MoC on the issue of granting NOC for coal corridor alignment.

- IIT Roorkee has completed the detailed survey Coal Evacuation Corridor & Railway Siding and revised report as per requirement is under finalization by IIT Roorkee.
- Matter is to be further pursued after receipt of approval of Mining Plan for early issuance of NOC
- Land acquisition works will be taken up after obtaining NOC from MoC.
- Matter is being followed up with NA, MoC New Delhi regarding issue of NoC.

### 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 Revised Mining plan including mine closure plan (Text & Plates), prepared by CMPDIL as per revised PRC of 5.6 MTPA, has been submitted to MoC on 06.12.19 for approval.
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	1 <sup>st</sup> stage clearance Completed on 12.12.2018. 2 <sup>nd</sup> stage clearance under process.
10	Application for Env't. Clearance	Jan-17	Jan-17	Completed
11	Grant of Env't. 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 Mar-2020 is ` 313.91 Cr.

### **Budget Estimate V/S Expenditure:**

Expenditure incurred during the month is ` 3.52 Cr. against BE of ` 2.10 Cr. Cumulative expenditure during F.Y. 2019-20 till Mar-2020 is ` 17.11 Cr. against total BE of ` 18.84 Cr.