




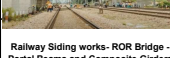





THDCIL - DASHBOARD													
Khurja STPP (2 x 660 MW)				Status up to: 31-Jul-24				Reporting Date: 10-Aug-24					
ACHIEVEMENTS:								Issues, Risks & Measures					
i) Physical possession of total 1200.843 Acres land has been obtained.				(ix) Boiler-2 Hydro test successfully completed on 02.11.2023				(A) Issues: Nil					
ii) Coal, Water, Rail and Construction Power linkage has been tied up.				(x) TG on Barring Gear successfully achieved on 09.12.2023				(B) RISKS: Nil					
iii) Environment Clearance and other Statutory Clearance have been obtained.				(xi) Aux. Boiler Light Up successfully carried out on 29.12.2023.				(C) Key decisions and change request: With the help of Distt. Administration, agreement was signed with Nagla villagers for shifting from Project land to construct houses near Project boundary.					
iv) All packages worth Rs. 7.724 Cr have been awarded.				(xii) Boiler-1 Light-up successfully done on 21.03.2024									
v) Boiler-1 Hydro test completed on 15.03.23.				(xiii) Engine rolling on Railway Siding (downline) from Danwar Station to Khurja Plant (Wagon Tippler area) carried out successfully on 05.04.2024.									
(vi) Switchyard charged on 08.06.23.				(xiv) Steam blowing of Boiler-1 along with Turbine-1 system has been successfully completed on 30.06.2024									
(vii) TG Box-Up done on 20.07.23 and ST-1 charged on 24.07.23.				(xv) First Coal rake reached to Khurja STPP on 07.08.24 from captive Amelia Coal Mine									
(viii) Facility for Water supply for Plant operation from Upper Ganga Canal at Mundakhera ready on 23.08.23.													
Project Start Date:	7-Mar-19	Anticipated Commissioning of 1st Unit:	30-Sep-24	Days Remaining	61			Approved Cost: Rs 11089.42 at Dec-17 PL.					
Activities of Unit-1				As per MCN	Forecast / Actual completion			CAPEX: BE Vs. Actual (up to current month) (` In Cr.)		(D) Next Step: Expedite work progress.			
i) Boiler Ceiling Girder Jack Up				31-Jan-22	Completed on 11-Feb-22			Year	BE	Actual	Other Site Works: i) 33 kV Construction Power Line available at site.		
ii) Condenser Erection Start				28-Feb-22	Started on 25-Mar-22	First Coal Rake reached Khurja STPP on 07.08.2024. Coal unloaded and stacked at Stockyard		Expenditure upto Mar-18		349.58	ii) Power Evacuation facility is ready. As per allocation of power by MOP, UPPCL will take 64.7% of power for UP from the Plant. For balance 35.3% of power to be supplied to other beneficiary states, connectivity has been granted. 400 kV GIS Bays at Aligarh and 400 kV Double circuit Khurja-Aligarh Transmission line is ready. 400kV Bay at Khurja-end has also been charged with Khurja-Aligarh Line-1&2. Connectivity Agreement (Cat-1 Transition) has been signed between THDCIL & CTUIL (Central Transmission Utility of India Ltd.) for evacuation of 465.6MW from KSTPP on 03.04.2024.		
iii) TG Deck Casting				30-Jan-22	Completed on 29-Jan-22			2018-19	122.13	148.86	iii) Re-routing of National Highway NH-91 passing through the project land has been completed by NHAI and NH-91 diverted and is operational.		
iv) TG Erection Start				30-Mar-22	Started on 25-May-22			2019-20	441.19	439.94			
v) Boiler Hydro test				30-Dec-22	Completed on 15-Mar-23			2020-21	600.00	838.58	iv) Supply of Make-Up Water to Khurja STPP: Facility for water supply for Plant operation from Upper Ganga Canal at Mundakhera is functional.		
vi) Availability of Startup Power				31-Dec-22	Available (Syard charged on 08-Jun-23)	Railway Siding works- ROR Bridge - Portal Beams and Composite Girders Launched successfully		2021-22	1514.16	2214.27			
vii) TG Box up				25-Jan-23	Completed on 20-Jul-23			2022-23	1962.56	3003.30			
viii) Steam Blowing Completion				30-Sep-23	Completed on 30-Jun-24			2023-24	2341.16	3108.98			
ix) Completion of Rail Network				11-May-23	30-Sep-24			2024-25	712.68	838.92			
x) Unit Synchronization (with LDO)				7-Nov-23	12-Aug-24	Unit-1 Boiler Coal Feeding System- Bunker and Tripper work in progress		Shortfall(-)/Excess (+) for FY 24-25		126.24			
								Total Expenditure		10942.43			
CAPEX 2024-25 BE vs. Actual (Rs. in Crore)													
	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	Cumm.
Planned	247.89	141.54	163.40	159.85									712.68
Actual	60.83	224.47	356.67	196.95									838.92
Status of packages of Khurja STPP is shown below:													
S. No.	Package	Award Status	Awarded to	Current Status									
1	Steam Generator and associated packages including site leveling	Awarded on 29.08.19	M/s L&T MHPS Boiler Pvt. Ltd.	<ul style="list-style-type: none"> Unit-1 Boiler Light-up done on 21.03.24. Steam blowing successfully completed on 30.06.24. Refractory, Coal bunker, Coal Mill erection work completed. Coal feeder connection with bunker is in progress. Unit-2: Bottom Ash Hopper, NFP, Critical/ Aux. Piping work, Erection of Air & Gas ducting works are in progress. Unit-2 Boiler hydro test done and further erection is in progress. Aux. Boiler, Chimney-1 is operational. Chimney-2 flue-can erection is in progress. *OPH & Air compressor system operational. Pass-A, B & C of ESP-1 are ready for synchronization. Work in balance passes of ESP-1 and FGD, AHP area is in progress. *Raw Water Reservoir compartment-1 is operational; compartment-2 nearing completion. 									
2	Turbine Generator and associated packages	Awarded on 03.10.19	BHEL	<ul style="list-style-type: none"> Unit-1 TG rolling at 3000rpm successfully attained on 12.08.24. Unit-1 TDBFP-A&B work in progress. IPBD and GTs are ready for charging. Unit-2 Turbine & Generator boxed-up. Integral Piping for oil flushing completed, oil flushing system works for TG-2 Barring Gear is in progress. ACW, DMCW, Vacuum Pump, Drip Pump, MDBFP & CEP pumps, LP & HP Heaters, MOT are placed. Boiler feed line & condenser line erection in advance stage of completion. Panel erection/ testing, CW duct work in progress. *In CCR, Panels installed and signal testing of various equipment in progress. 									
3	Switchyard package	Awarded on 26.02.20	M/s GET&D	<ul style="list-style-type: none"> Control Room is functional. Switchyard is charged along with 400 kV Khurja-Aligarh Line-1 & Line-2 on 08.06.2023. Facility is ready to evacuate power. CT-1 is ready. *In CT-2, fan & equipment erection is nearing completion, panel installation in progress. 									
4	Cooling Tower Package	Awarded on 15.12.20	M/s Paharpur Cooling Towers Limited	<ul style="list-style-type: none"> *In Coal Handling Plant, Wagon Tippler-1 facility and Coal Crusher is operational. Coal path-1 including Stacking Reclaimer-1 also ready for stacking the coal. *1st coal rake has been received at Khurja STPP from captive Amelia Coal Mine (Singrauli, MP) on 07.08.24 and successfully unloaded and stacked. *3.3 kV CHP MCC-B Switchgear has been charged. Electrical erection work nearing completion in MCC buildings, WT-1 CR, Cable galleries, TPs, CCH area. *BRU & Gypsum storage, Cable trestle in progress. Civil & erection works in progress in SR-2. *WT-2 civil works completed, equipment erection is in progress. WT-3 civil work progressing at final slab. 									
5	Coal, Limestone and Gypsum Handling Plant Package	Awarded on 04.06.21	M/s ThyssenKrupp Industries India Pvt. Ltd.	<ul style="list-style-type: none"> * Supply of equipment is almost complete & erection & commissioning of equipments is in progress. * RWPH is operational. * CWPH also functional. Unit-1 CW pumps are operational. Common CW pump erection is in progress. Unit-2 pumps work also in progress, expected readiness by Oct-24. 									
6	CW System Equipment Package	Awarded on 01.10.21	M/s Flowmore Limited										
7	CW System Civil Works Package	Awarded on 28.10.21	BHEL	<ul style="list-style-type: none"> * DM tank-1&2 ready, UF-RO DM plant-PT-CW Clarifier-1 & 2, PT-DM Clarifier operational. First stream of DM water is operational. Dosing shed are ready. Inlet channel for Clarifier-3 completed. * Fire Fighting Tank-1 & 2 are ready. Chemical house dosing system is operational. Equipment erection in CIO2 building in advance stage. Work of treated water tank and filter house has been completed, civil work of Booster pump house, Tube settler & flocculator is under progress. * In Coal Handling Effluent Treatment plant (CHETP) area, work of HRS-1,2, sludge holding sump, Coal slurry settling pond-1, coal decanted sump & Centrifuge Building has been completed while for chemical shed, MCC room, Intake channel HRSCC-2&3, coal slurry settling pond-2&3 and Distribution chamber is also progress. 									
8	Water Treatment Plant and Miscellaneous package	Awarded on 30.11.21	M/s Gaja Engineering Pvt. Ltd.										
9	Ash Dyke Package	Awarded on 11.03.22	M/s JPW Infratech Pvt. Ltd.	<ul style="list-style-type: none"> * Formation of Dyke is completed. * Diaphragm Filter & Sand chimney work in Lagoon-1,2,3 & OFL completed. Water Escape Structure (WES) completed, Geo-textile works also completed Stone pitching (Rip-Rap), aggregate filter works completed. * Peripheral drain in Lagoon-1&2 completed and in Lagoon-3&OFL in progress, Toe Drain works completed in Lagoon-1.2 & OFL, under progress in Lagoon-3. * Impervious Liner works is under progress in Lagoon-1,2,3 & OFL. Slope dressing and leveling work in outer slope completed in Lagoon-2 and in progress in Lagoon 1& 3, OFL. 									
10	Rail Corridor (Railway Siding) package	Awarded on 29.10.20	Package-I : M/s Jhajarjiya Nirman Ltd Package-II : M/s I.S.C-CMIFL (JV)	<ul style="list-style-type: none"> * Consultancy Services for this Package is being provided by M/s RITES. * Package-I : Rail linking work in advanced stage. All minor bridges completed. OWG bridge launched. ROR bridge composite girders and portal beams successfully launched. Further, deck slab work for Rail laying is under progress, balance OHE work are in progress. * Package-II : Downside rail linking operational, upside linking in progress. Work of all 18 minor bridges completed upto top slab. Trough wall & other associated works are under progress. Out of 02 major bridges, 01 Bridge (Bridge No.09) completed and work of 2nd bridge (Bridge No.13) is under progress. S&T equipment installation work is in progress in all buildings (S&T, Goonties etc.). 									