



**BROAD STATUS REPORT
OF
UNDER CONSTRUCTION
THERMAL POWER PROJECTS
(July' 2025)**



Thermal Project Monitoring Division
Central Electricity Authority
New Delhi
Ministry of Power
Government of India

www.cea.nic.in

(In fulfillment of CEA's obligation under section 73(f) of Electricity Act, 2003)

FOREWORD

As per 73(f) of the Electricity Act 2003, Central Electricity Authority is to “promote and assist in the timely completion of schemes and projects”. The Thermal Project Monitoring (TPM) Division of CEA is entrusted with the responsibility of monitoring the progress of construction/erection activities of all the thermal power projects in the country till the units are commissioned. Visits are also made by CEA officers to the sites for assessing the on the spot progress of works and rendering the advice/assistance in solving the problems being faced by the project authorities, thereby helping the project authorities to avoid / minimize the time and cost overruns of the thermal power projects.

In this context, Thermal Project Monitoring Division, Central Electricity Authority has been bringing out the monthly report titled “Broad Status of Thermal Power Projects in the Country”. This report gives year-wise details of thermal power projects commissioned during the last five years. Further, the Report includes up-to- date information on thermal power projects under construction in the country wherein the details regarding name of the Project, capacity, location, implementing agency, commissioning schedule, type of fuel, estimated cost, physical and financial progress, the milestones achieved as on date etc. are available. The critical issues requiring immediate attention of concerned authorities in the implementation of these thermal power projects have also been highlighted.

The Broad Status Report is being brought out regularly by TPM Division on the basis of the data forwarded by various project authorities, visits made by CEA officers to various power projects, discussions held with the executing agencies and suppliers of equipment from time to time.

CEA welcomes feedback for further improvement in the Broad Status Report.

Chief Engineer (TPM)

This report is based on the details received from various project authorities & other organizations / agencies associated with the projects and is for information and non-commercial use only. CEA is not responsible for the contents or reliability of other websites to which CEA provides a link and do not necessarily endorse the views expressed by them.

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EXECUTIVE SUMMARY

I. All India Installed Capacity (MW)*

	Thermal					Nuclear	Hydro	RES	Grand total
Sector	Coal	Lignite	Gas	Diesel	Total				
State	73388	1150	6971	280	81789	0	27454	2641	111884
Private	72611	1830	5924	309	80673	0	5131	183590	269394
Central	70450	3640	7238	0	81328	8780	17043	1632	108783
Total	216448	6620	20132	589	243790	8780	49628	187863	490061
% of Gr. Total	44.17%	1.35%	4.11%	0.12%	49.75%	1.79%	10.13%	38.33%	100.00%

*Compiled from Installed Capacity Report on CEA's website (as on 31.07.2025).

II. Tentative Year-wise Target of Thermal Capacity Addition in the country :

(as on 31.07.2025)

FY	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	Total (MW)
Central	4900	800	2120	3860	6260	800	18740
State	5180	1320	0	800	4240	0	11540
Private	0	800	2400	1600	0	0	4800
Total	10080	2920	4520	6260	10500	800	35080*

*Two projects of TNPGL i.e. Uppur SCTPP (2x800 MW) and Ennore Exp TPP (1x660 MW) have not been included in this capacity.

III. Details of Technology wise Under Construction TPPs (excluding stressed/On-hold TPPs) in the country:

(as on 31.07.2025)

Sector	Super Critical / Ultra Super Critical #		Sub-Critical		Total	
	No. of Projects	Capacity (MW)	No. of Projects	Capacity (MW)	No. of Projects	Capacity (MW)
	[Units]		[Units]		[Units]	
Central	12 [25]	18740	0	0	12 [25]	18740
State	10 [16]	11540	0	0	10 [16]	11540
Private	3 [6]	4800	0	0	3 [6]	4800
Total	25 [47]	35080	0	0	25 [47]	35080*

Note : Two Super critical on-hold projects i.e. Uppur SCTPP (2x800 MW) and Ennore Exp TPP (1x660 MW) have not been included in this capacity.

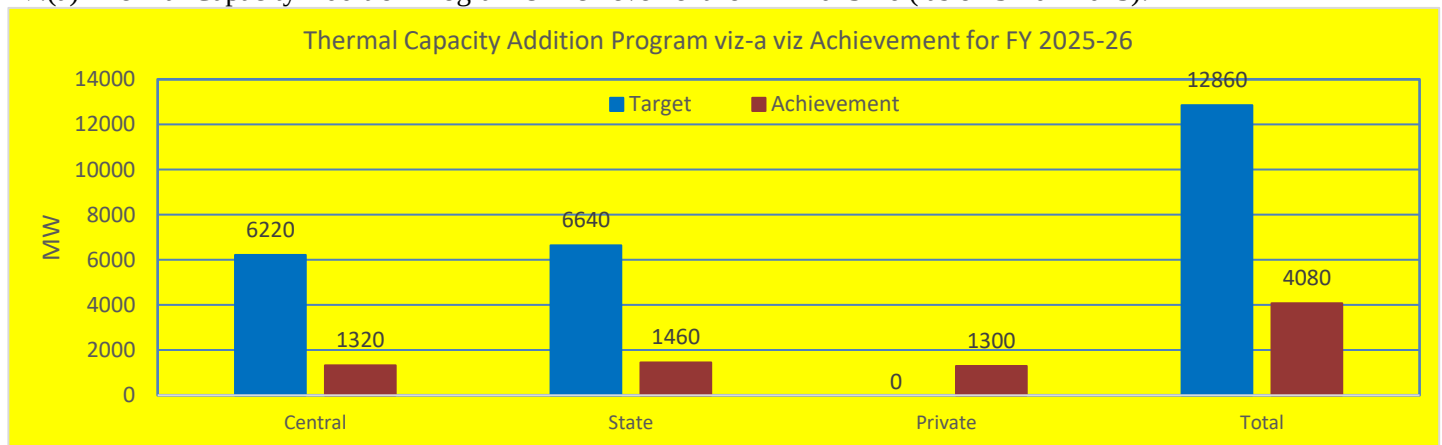
Out of total 25 Supercritical Thermal projects, 15 projects (29 units) of total capacity 22,500 MW are based on Ultra Supercritical technology. Sector wise details are as under-

10 projects (21 units) of capacity 16100 MW in Central sector of, 2 projects (2 units) of capacity 1600 MW in State sector and 3 project (6 units) of capacity 4800 MW in Private sector. The details of these projects are given in Table 1.2

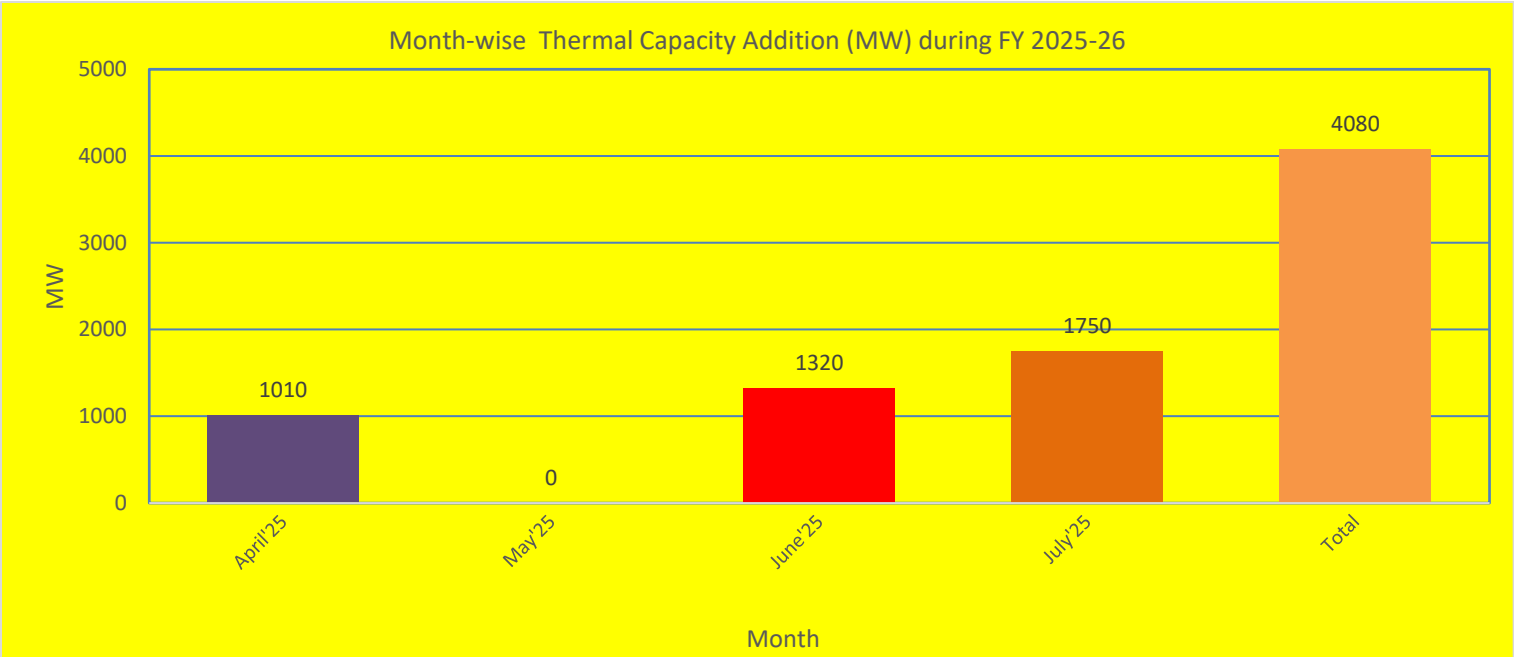
IV. Sector-wise Thermal Capacity Addition during last five years :

	FY:2020-21		FY:2021-22		FY:2022-23		FY:2023-24		FY:2024-25	
Sector	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
Central	5790	4080	5400	2370	3580	660	6880	2920	6740	1320
State	4276	846	4360	1590	2770	800	7820	2120	8620	3150
Private	525	0	525	525	0	0	0	364	0	60
Total	10591	4926	10285	4485	6350	1460	14700	5404	15360	4530

V.(a) Thermal Capacity Addition Program & Achievement for FY 2025-26 (as on 31-07-2025):



V.(b) Month-wise Thermal Capacity Addition upto July-2025 (FY 2025-26):



1.1 Tentative Thermal Capacity Addition Program and Actual Achievement for FY 2025-26:

(as on 31.07.2025)

(as on 31.07.2025)										
S. No.	Project Name	Implementing Agency	State	Boiler (SG) & Turbine(TG) Make	Unit No	Targeted Capacity (MW) as on 01.04.2025	Anticipated Trial Run (as on 01-04-2025)	Trial Run Assessment as per latest review by CEA	Capacity Achieved (MW)	Actual Date of Capacity Addition
CENTRAL SECTOR										
1	North Karanpura STPP	NTPC	Jharkhand	SG-BHEL (EPC) TG-BHEL (EPC)	U-3	660	Apr-2025	Apr-2025	660	14-04-2025
2	Barh STPP St-I	NTPC	Bihar	SG-TPE/DPSI TG-Power Machines	U-3	660	Apr-2025	Jun-2025	660	05-06-2025
3	Buxar TPP	SJVN	Bihar	SG-L&T (EPC) TG-L&T (EPC)	U-1	660	Jun-2025	Sept-2025		
4	Patratu STPP	PVUNL	Jharkhand	SG-BHEL (EPC) TG-BHEL (EPC)	U-1	800	Jun-2025	Aug-2025		
5	Ghatampur TPP	NUPPL	Uttar Pradesh	SG-L&T-MHI TG-GE	U-2	660	Jul-2025	Sept-2025		
6	Khurja SCTPP	THDC	Uttar Pradesh	SG-L&T-MHI TG-BHEL	U-2	660	Jul-2025	Sept-2025		
7	Buxar TPP	SJVN	Bihar	SG-L&T (EPC) TG-L&T (EPC)	U-2	660	Oct-2025	Dec-2025		
8	Ghatampur TPP	NUPPL	Uttar Pradesh	SG-L&T-MHI TG-GE	U-3	660	Nov-2025	Dec-2025		
9	Patratu STPP	PVUNL	Jharkhand	SG-BHEL (EPC) TG-BHEL (EPC)	U-2	800	Feb-2026	Mar-2026		
Total (Central Sector)			No. of Units : 9			6220 (9)	6220 (9)	4900 (7)	1320 (2)	
STATE SECTOR										
10	North Chennai TPP St-III	TANGEDCO	Tamil Nadu	SG-BHEL TG-BHEL	U-6	800	Apr-2025	Sept-2025		
11	Yadadri TPS	TSGENCO	Telangana	SG-BHEL (EPC) TG-BHEL (EPC)	U-1	800	Apr-2025	Jul-2025	800	12-07-2025
12	Obra-C STPP	UPRVUNL	Uttar Pradesh	SG-DPSI (EPC) TG-DPSI (EPC)	U-2	660	May-2025	Jun-2025	660	16-06-2025
13	Sagardighi TPP St-III	WBPDC	West Bengal	SG-BHEL (EPC) TG-BHEL (EPC)	U-5	660	Jun-2025	Sept-2025		
14	Udangudi STPP St-I	TANGEDCO	Tamil Nadu	SG-BHEL (EPC) TG-BHEL (EPC)	U-1	660	Jul-2025	Sept-2025		
15	Yadadri TPS	TSGENCO	Telangana	SG-BHEL (EPC) TG-BHEL (EPC)	U-4	800	Aug-2025	Oct-2025		
16	Udangudi STPP St-I	TANGEDCO	Tamil Nadu	SG-BHEL (EPC) TG-BHEL (EPC)	U-2	660	Oct-2025	Dec-2025		
17	Yadadri TPS	TSGENCO	Telangana	SG-BHEL (EPC) TG-BHEL (EPC)	U-3	800	Oct-2025	Dec-2025		
18	Yadadri TPS	TSGENCO	Telangana	SG-BHEL (EPC) TG-BHEL (EPC)	U-5	800	Dec-2025	Mar-2026		
Total (State Sector)			No. of Units : 9			6640 (9)	6640 (9)	5180 (7)	1460(2)	
Total Targeted Capacity			No. of Units : 18			12860	12860 (18)	10080 (14)	2780 (4)	

ADDITIONAL CAPACITY

1	Utkal TPP	M/s JSWEUL (JSW Energy Utkal Limited)	Odisha	TG: Harbin China SG: Cethar Vessels	U-2	-	-	-	350	01-04-2025
2	Thamminapatnam TPP	M/s Vedanta	Andhra Pradesh	TG: Harbin China SG: Cethar Vessels	U-3	-	-	-	350	05-07-2025
3	Singhitarai TPP	M/s Vedanta Ltd Chhattisgarh	Chhattisgarh	BTG-Dongfang Electric Corp, China	U-1	-	-	-	600	19-07-2025
Total Additional Capacity			No. of Units : 3			-	-	-	1300 (3)	

1.2 Under Construction Thermal Power Projects in the Country:

(as on 31.07.2025)

S.No	Project Name	State	Implementing Agency	Boiler	Turbine	Technology	LOA Date	Unit No	Cap. (MW)	Org Trial Run	Anticipated Trial Run (as per CEA)	Physical Progress (%)	Original Cost (cr)	Latest Cost (cr)	Total Exp. (cr)
CENTRAL SECTOR															
1	Buxar TPP	Bihar	SJVN	L&T	L&T	Ultra Supercritical	Jun-19	U-1	660	May-23	Sep-25	99%	10439	14390	11971
								U-2	660	Sep-23	Dec-25	96%			
2	Lara STPP St-II	Chhattisgarh	NTPC	BHEL	BHEL	Ultra Supercritical	Aug-23	U-3	800	Dec-27	Dec-27	19%	15530	15530	2288
								U-4	800	Jun-28	Jun-28	13%			
3	Sipat STPP St-III	Chhattisgarh	NTPC	BHEL	BHEL	Ultra Supercritical	Sep-24	U-6	800	Sep-29	Sep-29	8%	9791	9791	688
4	Patratu STPP	Jharkhand	PVUNL	BHEL	BHEL	Ultra Supercritical	Mar-18	U-1	800	Jan-22	Aug-25	82%	17112	20302	17366
								U-2	800	Jul-22	Mar-26	74%			
								U-3	800	Jan-23	Jul-26	65%			
5	Singrauli STPP, St-III	Madhya Pradesh	NTPC	BHEL	BHEL	Ultra Supercritical	Mar-24	U-8	800	May-29	May-29	20%	17195	17195	1626
								U-9	800	Feb-30	Feb-30	19%			
6	Talcher TPP St-III	Odisha	NTPC	BHEL	BHEL	Ultra Supercritical	Sep-22	U-1	660	Nov-26	Sep-27	37%	11844	12543	3975
								U-2	660	May-27	Dec-27	19%			
7	NLC Talabira TPP	Odisha	NLC	BHEL	BHEL	Ultra Supercritical	Jan-24	U-1	800	May-28	Mar-29	0%	19422	27213	1598
								U-2	800	Nov-28	Sep-29	0%			
								U-3	800	Apr-29	Mar-30	0%			
8	Ghatampur TPP	Uttar Pradesh	NUPPL	L&T MHPS	GE Power system	Supercritical	Aug-16	U-2	660	Nov-20	Sep-25	95%	17238	21781	20168
								U-3	660	May-21	Dec-25	88%			
9	Khurja SCTPP	Uttar Pradesh	THDC	L&T MHI	BHEL	Ultra Supercritical	Aug-19	U-2	660	Jan-24	Sep-25	90%	11089	13276	12693
10	Koderma TPS, Ph-II	Jharkhand	DVC	BHEL	BHEL	Ultra Supercritical	Nov-24	U-1	800	Aug-28	Aug-28	0%	14358	14358	1117
								U-2	800	Dec-28	Dec-28	0%			
11	Nabinagar STPP, St-II	Bihar	NTPC	L&T	L&T	Ultra Supercritical	Mar-25	U-4	800	Jul-29	Jul-29	0%	29948	29948	987
								U-5	800	Jan-30	Jan-30	0%			
								U-6	800	Jul-30	Jul-30	0%			
12	Raghunathpur TPS, Ph-II	West Bengal	DVC	BHEL	BHEL	Supercritical	Feb-25	U-1	660	Dec-28	Dec-28	0%	17673	17673	1184
								U-2	660	Apr-29	Apr-29	0%			
Total Central Sector									18740				191639	214000	75661
STATE SECTOR															
1	Ennore SCTPP	Tamil Nadu	TANGEDCO	BHEL	BHEL	Supercritical	Sep-14	U-1	660	Jan-18	Sep-26	79%	9800	19585	11734
								U-2	660	Mar-18	Nov-26	77%			
2	North Chennai TPP St-III	Tamil Nadu	TANGEDCO	BHEL	BHEL	Supercritical	Jan-16	U-6	800	Oct-19	Sep-25	96%	6376	11158	10165
3	Udangudi STPP St-I	Tamil Nadu	TANGEDCO	BHEL	BHEL	Supercritical	Dec-17	U-1	660	Jan-21	Sep-25	94%	13077	15077	12898
								U-2	660	Mar-21	Dec-25	94%			
4	Sagardighi TPP St-III	West Bengal	WBPDCL	BHEL	BHEL	Supercritical	Dec-18	U-5	660	Jan-24	Sep-25	93%	3863	4567	2708
5	Yadadri TPS	Telangana	TSGENCO	BHEL	BHEL	Supercritical	Oct-17	U-3	800	Apr-23	Dec-25	94%	29965	36132	31512
								U-4	800	May-23	Oct-25	95%			
								U-5	800	Jun-23	Mar-26	91%			
6	DCRTPP Extn.	Haryana	HPGCL	BHEL	BHEL	Ultra Supercritical	Feb-24	U-3	800	Sep-29	Sep-29	0%	6900	7272	220
7	Singareni TPP, Ph-II	Telangana	SCCL	BHEL	BHEL	Ultra Supercritical	Feb-25	U-3	800	Dec-28	Dec-28	0%	9596	9596	332
8	Ukai TPP	Gujarat	GSECL	BHEL	BHEL	Supercritical	Mar-25	U-7	800	Sep-29	Sep-29	0%	7000	8850	349
9	Koradi TPS, St V	Maharashtra	MSPGCL	BHEL	BHEL	Supercritical	Feb-25	U-11	660	May-29	May-29	0%	13200	13200	2
								U-12	660	Nov-29	Nov-29	0%			
10	Korba (West) SCTPP	Chhattisgarh	CSPGCL	BHEL	BHEL	Supercritical	Mar-25	U-1	660	Jul-29	Jul-29	0%	12915	15800	603
								U-2	660	Jan-30	Jan-30	0%			
Total State Sector									11540				112692	141237	70523
PRIVATE SECTOR															
1	Mahan STPP	Madhya Pradesh	Mahan Energen Ltd	BHEL (Supply)	BHEL (Supply)	Ultra Supercritical	Aug-23	U-3	800	Dec-26	Dec-26	55%	15530	15530	4592
								U-4	800	May-27	May-27	49%			
2	Raipur Ext TPP Ph-II	Chhattisgarh	Adani Power	BHEL (Supply)	BHEL (Supply)	Ultra Supercritical	Jun-24	U-3	800	Jan-28	Jan-28	21%	16000	16000	1787
								U-4	800	Jul-28	Jul-28	18%			
3	Raigarh USCTPP, St-II	Chhattisgarh	Adani Power	BHEL (Supply)	BHEL (Supply)	Ultra Supercritical	Oct-24	U-3	800	Jan-28	Jan-28	17%	16000	16000	1505
								U-4	800	Jul-28	Jul-28	15%			
Total Private Sector									4800				47530	47530	7884
Grand Total									35080				351861	402767	154068

1.3 Under construction TPPs where work is on hold / not likely to be commissioned

(As on 31.07.2025)

S. No	State	Project Name / Impl. Agency/ EPC or BTG	LOA Date/ ordered date	Unit No	Cap. (MW)	Org. Comm. Sched.	Present Status/Remarks	Original Cost	Latest Cost (cr)	Exp. (cr)	Exp Till Date
CENTRAL SECTOR											
1	Rajasthan	Barsingar TPP ext/NLC/Reliance Infra/Chinese	Nov-16	U-1	250	May-20	Project was held up due to withdrawal of PPA by DISCOM (Rajasthan), due to land issue in linked mines and consequently higher tariff. On 04-08-2022, a meeting was held (Additional Secretary-Coal, GoI along with NLCIL Directors met Chief Secretary-GoR and Principal Secretary-Energy) and it was jointly decided not to pursue with the Barsingar TPS Extension project (1X250 MW) along with Hadla Mine.	2112.59	2112.59	158.25	Jan- 21
2	Rajasthan	Bithnok TPP /NLC/Reliance Infra/ Chinese	Nov-16	U-1	250	May-20	Project was held up due to withdrawal of PPA by DISCOM(Rajasthan) due to increased project cost and time over run. On 04-08-2022 a meeting was held (Additional Secretary-Coal, GoI along with NLCIL Directors met Chief Secretary-GoR and Principal Secretary-Energy) to revive the Bithnok TPS. Based on the decision, a consultant was appointed to prepare feasibility. Further, as per the discussions held with Rajasthan government officials, it has been agreed that NLC and GoR will jointly work to revive the Bithnok Thermal Power Project along with Bithnok Mines. The consultant has prepared the feasibility report for revival of the project and the same is under "scrutiny and approval".	2196.3	2196.3	173.82	Jan- 21
TOTAL CENTRAL SECTOR [No. of Projects: 2, No. of Units: 2]					500						
PRIVATE SECTOR											
1	Andhra Pradesh	Bhavanapadu TPP Ph-I / East Coast Energy Ltd. / BTG DEC china	Sep-09	U-1	660	Oct-13	Liquidation Order date 22/04/2019. Liquidator has partially sold the assets(P&M) of the company on a standalone basis through e-auction. Further, the liquidator has also sold the Land including buildings at the Plant Site on 9th Feb 2023.	6571.94	9343.15	3785.6	Jan- 16
			Sep-09	U-2	660	Mar-14					
2	Andhra Pradesh	Thamminapatnam TPP, St-II/ Meenakshi Energy Pvt.Ltd. SG-Cether vessels TG- Chinese	Dec-09	U-4	350	Aug-12	Vedanta Ltd. has bought this plant under NCLT route. The project is likely to be commissioned during 2025-26. (U#3: 05-07-2025, U#4: Aug-2025)	5005	5414.4	5414.4	Feb- 19
3	Bihar	Siriya TPP (Jas Infra. TPP) / JICPL BTG-DEC China	Mar-11	U-1	660	Aug-14	Liquidation Order date 17.07.2020; The Enforcement directorate has attached the assets of the corporate debtor and as a result of which the auction of the assets are kept on hold.	11120	11120	NA	NA
			Mar-11	U-2	660	Dec-14					
			Mar-11	U-3	660	Apr-15					
			Mar-11	U-4	660	Aug-15					
4	Chhattisgarh	Akaltara TPP (Naiyara) / KSK Mahandi Power Company Ltd. Boiler- SEPCO CHINA (Shanghai china) / TG- SEPCO (Dongfeng china)	Apr-09	U-4	600	Apr-13	CIRP commenced on 3rd October 2019 & currently under NCLT. Resolution Plans were opened on 05-06-2024. M/s JSW Energy has been declared as successful Resolution applicant. Units are likely to be revived by CY-2030.	16190	27080	18730	Dec- 16
			Apr-09	U-5	600	Aug-13					
			Apr-09	U-6	600	Dec-13					
5	Chhattisgarh	Binjkote TPP/ SKS Power Generation (Chhattisgarh) Ltd. Boiler-Cether Vessels Turbine-Harbin China	Mar-11	U-3	300	Mar-14	Reworked bids (seven) received from the Resolution Applicants. Voting is completed. Plan submitted by Sarda Energy & Minerals has been approved by NCLT on 13-08-2024. The Unit#3&4 are likely to be revived by CY 2031.	5058	7940	3828	Jun- 15
			Mar-11	U-4	300	Jun-14					
6	Chhattisgarh	Lanco Amarkantak TPP- II/ LAP Pvt. Ltd. BTG-DEC china	Nov-09	U-3	660	Jan-12	Adani Power Limited has bought this plant under NCLT route as per approved the resolution plan on 21-08-2024. The project is likely to be commissioned during 2025-26. (U#3: Sep-2025, U#4: Feb-2026)	6886	10815.24	9537.79	Dec- 16
			Nov-09	U-4	660	Mar-12					
7	Chhattisgarh	Singhitarai TPP / Athena Chhattisgarh Power Ltd. BTG-DEC china	Dec-09	U-2	600	Feb-15	Vedanta Ltd. has bought the power plant under liquidation. The project is likely to be commissioned during 2025-26 and 2026-27 (U#1: 19-07-2025, U#2: Jul-2026)	6200	8443.79	6408.47	May- 17
8	Chhattisgarh	Salora TPP / Vandana Vidyut/ Boiler- Cether Vessels /TG Harbin China	Sep-09	U-2	135	Sep-11	The liquidator successfully sold the assets of corporate debtor as per provision of IBC, 2016.	1458.44	2386.89	2386.89	Mar- 15
9	Chhattisgarh	Deveri (Visa) TPP / Visa Power Ltd. BTG-BHEL	Jun-10	U-1	600	Aug-13	The liquidator has started the process of liquidating the company by selling the assets of the Corporate Debtor on piecemeal basis. BHEL claims certain unpaid lien on the assets available at the site of the Corporate Debtor and in this regard matter is still pending before the Supreme Court of India.	2618.7	3930	2077.23	Nov- 15
10	Jharkhand	Matrishri Usha TPP, Ph-I / Corporate Power Ltd. EPC-BHEL	Dec-09	U-1	270	Apr-12	The liquidator is making endeavor to sell the company as per provision of IBC, 2016 and the regulation laid there in.	2900	3120	3120	Nov- 12
			Dec-09	U-2	270	May-12					
11	Jharkhand	Matrishri Usha TPP, Ph-II / Corporate Power Ltd. EPC-BHEL	Mar-11	U-3	270	Oct-12					
			Mar-11	U-4	270	Jan-13		3182	3182	2207	Sep- 12
12	Jharkhand	Tori TPP, Ph-I / Essar PowerLtd. BTG- Harbin China	Aug-08	U-1	600	Jul-12	the Liquidator has initiated the e-auction process for realizing the assets of the Corporate Debtor and till date has sold around 15,000 MT of Fabricated Steel Structure from the power plant	5700	5700	4757.92	Jun- 17
			Aug-08	U-2	600	Sep-12					
13	Jharkhand	Tori TPP Ph-II / Essar Power Ltd./ BTG- Harbin China	Feb-10	U-3	600	Dec-15		2500	2500	246.65	Mar- 15
14	Maharashtra	Amravati TPP Ph-II / Ratan India Power Pvt. Ltd. BTG-BHEL	Oct-10	U-1	270	Jul-14	Company has decided to drop Phase II due to following reasons: a) no new Bids for Long Term PPAs have been coming up in the Market since the last 5 years. b) the revised emission norms under the Environment (Protection) Amendment Rules, 2015 revising, inter alia, emission norms for thermal power plants., drastic changes in the design and equipment of Phase II was required to	6646	6646	763.8	Mar- 15
			Oct-10	U-2	270	Sep-14					
			Oct-10	U-3	270	Nov-14					
			Oct-10	U-4	270	Jan-15					
			Oct-10	U-5	270	Mar-15					

15	Maharashtra	Nasik TPP Ph-II / Ratan India Nasik Power Pvt. Ltd. BTG- BHEL	Nov-09	U-1	270	Apr-13	be carried out.	6789	6789	711.81	Mar- 15
			Nov-09	U-2	270	Jun-13					
			Nov-09	U-3	270	Aug-13					
			Nov-09	U-4	270	Oct-13					
			Nov-09	U-5	270	Dec-13					
16	Maharashtra	Lanco Vidarbha TPP / LVP Pvt. Ltd. EPC- LANCO/ Boiler- Dongfong China / Turbine- Harbin china	Nov-09	U-1	660	Jul-14	Majority of Plant material has been auctioned and removed from site. 706 Acres of Land and approx. 4000 MT of material is yet to be auctioned as they were under Litigation.	6936	10433	5338	Apr- 17
			Nov-09	U-2	660	Nov-14					
17	Maharashtra	Bijora Ghanmukh TPP / Jinbhuvish Power Generation Pvt. Ltd.	Sep-11	U-1	300	Dec-16	The coal linkage matter for this project is sub judice and once it is resolved, developer will be looking for funding options and further process.	3189	3450	422.27	Mar- 15
			Sep-11	U-2	300	Mar-17					
18	Madhya Pradesh	Gorgi TPP / D.B. Power (MP) Ltd. BTG- BHEL	Mar-11	U-1	660	Jun-13	The company has requested a COD extension with GoMP, and a revival will be planned accordingly on the final permission.	3941	3941	475.79	Sep- 15
19	Odisha	KVK Nilanchal TPP/ KVK Nilanchal / BTG-Harbin China	Nov-09	U-1	350	Dec-11	Project sold to successful bidder M/s Padmaprabhu Commodity Trading Pvt Ltd in the E-auction held on 26th August 2022	4990	6000	1708.36	Mar- 15
			Nov-09	U-2	350	Feb-12					
			Nov-09	U-3	350	Feb-12					
20	Odisha	Lanco Babandh TPP / LBP Ltd./ BTG- DEC Chinese	Nov-09	U-1	660	Apr-13	the Liquidator has partially sold the assets of the company on a standalone basis through e-auction dated 27.08.2021	6930	10430	7615	Mar- 17
			Nov-09	U-2	660	Aug-13					
21	Odisha	Malibrahmani TPP / Monnet Power Co.Ltd. / BTG-BHEL	Jun-10	U-1	525	Dec-12	Jindal Steel & Power has acquired the plant under NCLT route. This plant will be revived in FY 2025-26 (U-1 as captive unit). U-2 of the Plant is likely to be commissioned in Sept'-2025.	5093	6330	5329.75	Dec- 14
			Jun-10	U-2	525	Feb-13					
22	Tamil Nadu	Tuticorin TPP (Ind- Barath) / IBPIL / BTG- Shangdong China	May-10	U-1	660	May-12	Successful bidder has been identified. However, the Liquidation process has been stayed by the Hon'ble NCLAT.	3595	3595	2000	May- 15
23	West Bengal	Hiranmaye Energy Ltd. (IndiaPower corporation (Haldia) TPP / Haldia Energy Ltd / EPC- MEIL / BTG-BHEL.	Sep-10	U-3	150	May-16	Project is currently under hold	2656	3307	3263.05	Oct- 17
TOTAL PRIVATE SECTOR [No. of Projects:23, No. of Units:48]					21755						
GRAND TOTAL [No. of Projects: 25, No. of Units: 50]					22255						

PATRATU TPS, Unit# 1, 2 & 3 (3X800 MW) / PVUNL (CENTRAL SECTOR)

Patratu Vidyut Utpadan Nigam Limited, Patratu, PO: PTPS, Patratu, Distt. -Ramgarh, Jharkhand – 829119

E-Gen Portal Registration No. (U#1 - 1200002399; U#2 - 1200002400; U#3 - 1200002401)

Project Developer / Implementing Agency - PVUNL			Main Plant Vendor - M/s BHEL (EPC contract)		
Unit No.	LOA		Original Trial Run Date	Anticipated / Actual	Trial Run Date
Unit#1	Mar-2018		Jan-22	Aug-2025	
Unit#2			Jul-22	Mar-2026	
Unit#3			Jan-23	Jul-2026	
CLEARANCES AND STATIC DATA				FINANCIAL DATA (Fig. in Rs. Crore)	
FUEL TYPE	Coal, Pithead		ORIGINAL ESTIMATED COST OF THE PROJECT		17112.00
COAL COMBUSTION TECHNOLOGY	Ultra-Supercritical		LATEST ESTIMATED COST		20302.00
APPROVAL DATE / NTP	Nov-2017		DATE OF FINANCIAL CLOSURE		
EPC/BTG/BoP Contractor Details (Package Wise)	EPC package awarded to BHEL on 08.03.2018.		YEAR WISE EXPENDITURE		
			2015-16	-----	
PPA	85% allocated to Jharkhand, PPA signed on 30.03.2016. 15% of powerwill remain as unallocated quota at the disposal of GoI		2016-17	-----	
COAL LINKAGE/FSA	12 MTPA for Ph-I from Banhardih Coal Mine at a distance of about 110 km. Banhardi Coal Mine transferred to PVUNL vide deed of adherence signed on 02.06.2017.		2017-18	1314.86	
	Bridge allocation granted by SLC(LT) upto 24-06-2024; Allocation from CCL; Coal quantity quantified is 9.17 MTPA.		2018-19	797.65	
START UP POWER AGREEMENT	Through 7.5 kms Transmission line : Patratu-Patratu (Main Plant to Katia Substation) D/C Line		2019-20	921.21	
POWER EVACUATION SYSTEM	Tx Line Developer	JUSNL	2020-21	1628.36	
	Tx Line Name	i) Patratu (PVUNL) –Patratu, 400 kV D/C line (7.5 km).	2021-22	2447.16	
	Tx Voltage Level	ii) Patratu STPP-Koderma, 400 KV D/C Line (160 Km).	2022-23	3776.82	
		iii) Patratu STPP-Chandil, 400 KV D/C Line (150 Km).	2023-24	2278.82	
	Configuration of Tx Line (S/C or D/C)	D/C	2024-25	3271.68	
LAND POSSESSION	Correction of 268.92 acres of land in the records of forest department in favour of PVUNL and also change of nature of land as non-forest		EXPENDITURE OF JUL-25		146.31
WATER ALLOCATION	Project is envisaged with Air Cooled Condenser Technology. In principle commitment for 27 cusecs water available from Nalkari DamReservoir vide agreement dt 25.01.2016 with GoJ.		2025-26	570.53	
MOEF CLEARANCE	EAC recommended for grant of EC for the project on EAC meeting held on 25.09.17. EC letter received on 07.11.17. Validity till 06.11.24.		TOTAL EXPENDITURE (upto 31.07.2025)		17,366.00
CIVIL AVIATION CLEARANCE	Received on 03.06.2016.				
CPCB CLEARANCE	Not Applicable				
SPCB CLEARANCE	SPCB Clearance: CTE received on 19.10.2018. Validity till 06.11.24.				
FOREST CLEARANCE	No forest land in the main plant area.				

PATRATU TPS, Unit# 1, 2 & 3 (3X800 MW) / PVUNL (CENTRAL SECTOR)																
UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)								STATUS OF MAIN PLANT PACKAGE (BTG) : M/S BHEL								
Sl.	MILESTONE	UNIT-01		UNIT-02		UNIT-03		Sl.	Packages	AREA	UNIT-01	UNIT-02	UNIT-03			
		Original Date of Completion	Anticipate d / Actual Date of Completion	Original Date of Completion	Anticipate d / Actual Date of Completion	Original Date of Completion	Anticipate d / Actual Date of Completion				% Completion	% Completion	% Completion			
1	COMPLETION OF BOILER FOUNDATION	May-19	Apr-19	Nov-19	Dec-19	May-20	Jan-21	1	BOILER	CIVIL	95%	81%	72%			
2	START OF BOILER ERECTION	May-19	Aug-19	Nov-19	Dec-19	May-20	Jan-21			STRUCTURE	95%	98%	63%			
3	BOILER DRUM LIFTING (if sub-critical unit)	NA		NA		NA				PRESSURE PARTS	99%	82%	57%			
4	BOILER CEILING GIRDER LIFTING COMPLETION	Feb-20	Mar-21	Aug-20	May-21	Feb-21	Jan-22	2	TG	CIVIL	77%	69%	32%			
5	CONDENSER ERECTION START	Feb-20	Sep-23	Aug-20	Mar-25	Feb-21	Oct-25			STRUCTURE	99%	99%	95%			
6	TG ERECTION START	Jun-20	Mar-22	Dec-20	Oct-22	Jun-21	Mar-25									
7	HP PIPING ERECTION START	Jul-20	Sept-22	Jan-21	Jun-23	Jul-21	Aug-25	3	ESP	UNDER PROGRESS	93%	95%	93%			
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION	Jan-21	Mar-23	Jul-21	Aug-23	Jan-22	Dec-25			CIVIL WORK	57%	83%	71%			
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	Jun-21	Apr-24	Dec-21	05.06.25	Jun-22	Jan-26			MATERIAL SUPPLY	85%	63%	45%			
10	TG BOX UP	May-21	Mar-23	Nov-21	Mar-24	May-22	Mar-26	4	FGD	ERECTION WORK	30%	0%	0%			
11	HP PIPING ERECTION COMPLETION	May-21	18.11.24	Nov-21	Aug-25	May-22	Feb-26									
12	START OF OIL FLUSHING	Apr-21	18.11.23	Oct-22	7.03.25	Apr-22	Mar-26									
13	BOILER LIGHT UP	Jun-21	31.08.24	Dec-21	Nov-25	Jun-22	Mar-26	STATUS OF BOPs (BHEL - EPC)								
14	CHEMICAL CLEANING COMPLETION	Jul-21	30.08.24	Jan-22	Aug-25	Jul-22	Mar-26	Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency	Date of Award	Scheduled Date of Completion	Anticipated/ Actual Date of Completion	UNIT-01	UNIT-02	UNIT-03
15	STEAM BLOWING START	Jul-21	18.11.24	Jan-22	Dec-25	Jul-22	Apr-26							% Completion	% Completion	% Completion
16	STEAM BLOWING COMPLETION	Sep-21	11.12.24	Mar-22	Dec-25	Sep-21	Apr-26	1	Chimney	BHEL PSWR	U1- 21.07.18; U2- 26.07.18; U3-31.01.20	U1- 05.03.21; U2- 05.09.21; U3-05.03.22	Mar-26	99%	87%	86%
17	ROLLING & SYNC.	Nov-21	11.03.25	May-22	Jan-26	Nov-22	May-26	2	Coal Handling Plant	BHEL PSWR	12.01.2020	08.08.2021	Mar-26	96%		
18	FULL LOAD	Dec-21	Aug-25	Jun-22	Feb-26	Dec-22	Jun-26			BHEL PSWR – Wagon Tippler	15.10.2020	27.07.2021	Mar-26			
19	TRIAL RUN	Jan-22	Aug-25	Jul-22	Mar-26	Jan-23	Jul-26			BHEL PSWR – Stacker Reclaimer	09.06.2021	23.06.2022	Mar-26			
20	COD	Mar-22	Aug-25	Sep-22	Mar-26	Mar-23	Aug-26	3	Ash Handling Plant	BHEL PSWR	15.10.2019	08.12.2021	Mar-26	86%		
								4	Fuel Oil System	BHEL PSWR	07.10.2020	08.06.2021	Mar-26	99%		
								5	ACC	BHEL	08.04.2022	14.10.2021	Mar-26	96%	14%	90 %
								6	CW Pump house	NA (ACC is envisaged)				(Air Cooled Condenser)		
								7	WPT Plant	BHEL PSWR	14.01.2021	20.03.2021	Mar-26	99%		
								8	DM Plant	BHEL PSWR		27.03.2021	Mar-26	99%		
								9	Compressed Air System	BHEL PSWR	04.07.2020	03.02.2021	Mar-26	100% Structure erection completed		
								10	Fire Protection System	BHEL-PESD, Hyderabad	25.05.2021	18.05.2021	Mar-26	98% RCC civil works		
								11	Switch Yard	BHEL-TBG	01.05.2020	08.10.2021	Mar-26	100% RCC complete		
								12	Station Transformers	BHEL-Bhopal		18.02.2021	Mar-26	69%		
								13	Unit Transformers	BHEL Jhansi		17.02.2021	Mar-26	95%		
								14	Railway Siding	PMC Contractor-M/s RITES	02.12.2019	01.04.22	Mar-26	75% (Award of sub pkg yet to be done)		
								15	Power Evacuation Lines	JUSNL		08.10.2021	Mar-26	Patratu-Patratu Line – Civil:100%; Patratu-Koderma Line-Civil:35%		

CRITICAL ISSUES

- Slow Progress in ACC & AHP system by BHEL (Critical for U#2&3)
- Non-availability of encumbrance free land for Ash Mound
- Inadequate mobilization by BHEL in Unit#2 ACC works.
- Readiness of Power evacuation system by JUSNL for Unit#2 & 3

REASONS OF DELAY

- Poor performance of few sub-agencies of BHEL.

TALCHER THERMAL POWER PROJECT, St-III, Unit# 1 & 2 (2X660 MW) / NTPC (CENTRAL SECTOR)

TALCHER THERMAL POWER PROJECT, P.O.: TALCHER THERMAL, DIST- ANGUL, ODISHA- 759101

E-Gen Portal Registration No. (U#1 - 1200003198; U#2 - 1200003199)

Project Developer / Implementing Agency - NTPC			Main Plant Vendor(BTG) -BHEL (EPC contract)		
Unit No.	LOA	Original Trial Run Date	Anticipated / Date	Actual	Trial Run
Unit#1	Sep-2022	Nov-2026	Sep-2027		
Unit#2		May-2027	Dec-2027		
CLEARANCES AND STATIC DATA			FINANCIAL DATA (Fig. in Rs. Crore)		
FUEL TYPE	Coal		ORIGINAL ESTIMATED COST OF THE PROJECT		11843.75
COAL COMBUSTION TECHNOLOGY	Ultra-supercritical		LATEST ESTIMATED COST		12543.47
APPROVAL DATE / NTP	Investment Approval: 26.08.2022		DATE OF FINANCIAL CLOSURE		
EPC/BTG/BoP Contractor Details (Package Wise)	EPC Package for TTPP St-III (2X660 MW) awarded to M/s BHEL on 27.09.2022		YEAR WISE EXPENDITURE		
PPA	PPA signed; Odisha SEB: 50% (660 MW) on 02.08.2022; Tamil Nadu SEB: 35% (460 MW) on 26.09.2022; Unallocated- 15%		2021-22	49.10	
COAL LINKAGE/FSA	Available : As per the MoM of the Standing Linkage Committee (LT) dated 10.04.2018; FSA Agreement with MCL under process; Source: Bhuwaneswari/Jagannath mines of MCL Pithead, Distance – 30km; Grade: G-12; Quantity: 5.854 MMTPA		2022-23	494.40	
START UP POWER AGREEMENT	Startup power to be drawn from 400 kV grid.		2023-24	821.36	
POWER EVACUATION SYSTEM	Tx Line Developer	Yet to be awarded	2024-25	1747.66	
	Tx Line Name Tx Voltage Level	ISTS connectivity: Talcher TPP St-III to ISTS Pandiabili PS(PG), 400 kV STU connectivity: Talcher TPP St-III to Meramundali-B (OPTCL), 400 kV	EXPENDITURE OF JUL-25	262.00	
	Configuration of Tx Line (S/C or D/C)	ISTS - D/C STU – S/C	2025-26	862.42	
LAND POSSESSION	Total Land: 194.82 Acre(Main Plant-191 Acre, Railway Siding-1.48 Acre; Make up water -2.34 Acre to be acquired) ROU/ROW of Land- 77.63 for Make up water Corridor. Approval under process.		TOTAL EXPENDITURE (upto 31.07.2025)		3,974.94
WATER ALLOCATION	Available, Source: Up Stream of Samal Barrage from Brahmani River Qty: 39 Cusec		ADDITIONAL REMARKS Ash Disposal: 6.43 Mcum of Quarry IV of Jagannath Mine Void of MCL allocated for TTPP Stage-III which will cater for 03 Years of Ash Disposal. For allocation of balance 17 Mcum capacity, matter has been taken up with MCL.		
MOEF CLEARANCE	Received on 12.09.2018 and it is valid upto 12.09.2025				
CIVIL AVIATION CLEARANCE	Renewed on 22.05.2022 and valid upto 22.05.2030				
CPCB CLEARANCE	Received on 12.09.2018 and it is valid upto 12.09.2025				
SPCB CLEARANCE	CTE Application submitted on 06.11.2022 (Application No -4474906)				
FOREST CLEARANCE	Available				

TALCHER THERMAL POWER PROJECT, St-III, Unit# 1 & 2 (2X660 MW) / NTPC (CENTRAL SECTOR)

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)					
Sl.	MILESTONE	UNIT-01		UNIT-02	
		Original Date	Actual / Anticipated Date	Original Date	Actual / Anticipated Date
1	COMPLETION OF BOILER FOUNDATION	Sept-23	Jan-24	Jan-24	Aug-24
2	START OF BOILER ERECTION	Sept-23	Jan-24	Jan-24	Aug-24
3	BOILER DRUM LIFTING (if sub-critical unit)	NA		NA	
4	BOILER CEILING GIRDER LIFTING COMPLETION	Jul-24	Dec-24	Nov-24	Jul-25
5	CONDENSER ERECTION START	Jul-24	Aug-25	Nov-24	Sept-25
6	TG ERECTION START	Aug-24	Oct-25	Dec-24	Jan-26
7	HP PIPING ERECTION START	Aug-24	Feb-25	Dec-24	Aug-25
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION	Jul-25	Jul-26	Nov-25	Dec-26
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	Nov-25	Sep-26	Mar-26	Feb-27
10	TG BOX UP	Sept-25	Nov-26	Jan-26	Feb-27
11	HP PIPING ERECTION COMPLETION	Jan-26	Nov-26	May-26	Jun-27
12	START OF OIL FLUSHING	Sept-25	Oct-26	Jan-26	Mar-27
13	BOILER LIGHT UP	Jan-26	Feb-27	May-26	Jun-27
14	CHEMICAL CLEANING COMPLETION	Jan-26	Mar-27	May-26	Jul-27
15	STEAM BLOWING START	Feb-26	Mar-27	Jun-26	Jul-27
16	STEAM BLOWING COMPLETION	Mar-26	Apr-27	Jul-26	Aug-27
17	ROLLING & SYNC.	May-26	Jul-27	Sept-26	Oct-27
18	FULL LOAD	Jun-26	Aug-27	Oct-26	Nov-27
19	TRIAL RUN	Nov-26	Sept-27	May-27	Dec-27
20	COD	Dec-26	Oct-27	Jun-27	Jan-28

STATUS OF MAIN PLANT PACKAGE (BTG) : BHEL (EPC contract)							
Sl.	Packages	AREA	UNIT-01		UNIT-02		
			% Completion	% Completion			
1	BOILER	CIVIL	80%	70%			
		STRUCTURE	47%	31%			
		PRESSURE PARTS	28%	0%			
2	TG	CIVIL	80%	70%			
		STRUCTURE	34%	14%			
		TG ERECTION	0%	0%			
3	ESP	UNDER PROGRESS	66%	60%			
4	FGD	CIVIL WORK	17%	1%			
		MATERIAL SUPPLY	0%	0%			
		ERECTION WORK	0%	0%			
STATUS OF BOPs							
Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency	Date of Award	Scheduled Date of Completion	Anticipated /Actual Date of Completion	UNIT-01 % Completion	UNIT-02 % Completion
1	Chimney	BHEL	Sep-22	Nov-25	Nov-25 (U1) Mar-26 (U2)	60%	
2	Coal HandlingPlant	Conveyor Package - BHEL	Sep-22	Jan-26	Jan-26 (U1) May-26 (U2)	14%	
		Track Hopper- BHEL	Sep-22	NA	Jan-26 (U1) May-26 (U2)	14%	
		Stacker Reclaimer - BHEL	Sep-22	Jan-26	Jan-26 (U1) May-26 (U2)	14%	
3	Ash Handling	BHEL	Sep-22	Apr-26	Apr-26 (U1) Aug-26 (U2)	11%	
4	Fuel Oil System	BHEL	Sep-22	Nov-25	Nov-25 (U1) Mar-26 (U2)	55%	55%
5	Cooling Towers	BHEL	Sep-22	Dec-25	Dec-25 (U1) Apr-26 (U2)	38%	34%
6	CW Pump House and Piping	BHEL	Sep-22	Nov-25	Nov-25 (U1) Mar-26 (U2)	65%	65%
7	WPT Plant	BHEL	Sep-22	Sep-25	Sep-25 (U1) Jan-26 (U2)	7%	7%
8	DM Plant	BHEL	Sep-22	Jul-25	Jul-25 (U1) Nov-25 (U2)	9%	9%
9	Compressed Air System	BHEL	Sep-22	Dec-25	Dec-25 (U1) Apr-26 (U2)	1%	1%
10	Fire Protection System	BHEL	Sep-22	Aug-26	Aug-26 (U1) Dec-26 (U2)	5%	5%
11	Switch Yard	BHEL	Sep-22	Mar-26	Mar-26 (U1) Jul-26 (U2)	16%	
12	Station Txer	BHEL	Sep-22	Apr-25	Apr-26 (U1) Aug-26 (U2)	0%	40%
13	Generator Txer	BHEL	Sep-22	Apr-26	Apr-26 (U1) Aug-26 (U2)	0%	40%
14	Unit Txer	BHEL	Sep-22	Apr-26	Apr-26 (U1) Aug-26 (U2)	0%	40%
15	Railway Siding	UTES	Dec-22	July-25	Jun-25 (U1) Jun-25 (U2)	10%	10%
16	Power evacuation	a. ISTS connectivity: Talcher Stage-III to ISTS Pandiabili [Power Grid] pooling station (App. 120kms); b. STU connectivity: Talcher stage-III to Meramundali-B [OPTCL] (App.12kms).					

CRITICAL ISSUES

- Pending eviction of unauthorized habitants from Railway siding area affecting construction of Railway Siding works.
- Inadequate mobilization and supply delays by EPC agency (BHEL).

REASONS OF DELAY

-NA-

LARA SUPER THERMAL POWER PROJECT, St-II, Unit# 3 & 4 (2X800 MW) / NTPC (CENTRAL SECTOR)

Lara STPP, Village - Chhapora, PO/PS- Pussore, Distt.-Raigarh (C.G.) – 496 440

E-Gen Portal Registration No. (U#3 - 1200003870 ; U#4 - 1200003871)

Project Developer / Implementing Agency - NTPC			Main Plant Vendor (BTG) -BHEL(EPC contract)		
Unit No.	LOA	Original Trial Run Date	Anticipated /	Actual	Trial Run Date
Unit#3	Aug-2023	Dec-2027	Dec-2027		
Unit#4		Jun-2028	Jun-2028		
CLEARANCES AND STATIC DATA			FINANCIAL DATA (Fig. in Rs. Crore)		
FUEL TYPE	Coal Based		ORIGINAL ESTIMATED COST OF THE PROJECT		15530.00
COAL COMBUSTION TECHNOLOGY	Ultra-Supercritical		LATEST ESTIMATED COST		15530.00
APPROVAL DATE / NTP	29.08.23		DATE OF FINANCIAL CLOSURE		
EPC/BTG/BoP Contractor Details (Package Wise)	BHEL-EPC		YEAR WISE EXPENDITURE		
PPA	PPA signed. Consent from Beneficiaries available Chhattisgarh: 50%, Power allocation to following states as per MoP allocation: Gujarat, Madhya Pradesh, Maharashtra, Goa, Daman & Diu, DNH		2022-23		251.92
			2023-24		469.20
			2024-25		1021.83
COAL LINKAGE/FSA	7 MMTPA coal from Talaipalli Coal block allocated to NTPC		EXPENDITURE OF JUL-25		144.37
			2025-26		545.21
START UP POWER AGREEMENT	From existing stage I, 400 kV switchyard.		TOTAL EXPENDITURE (upto 31.07.2025)		2,288.16
POWER EVACUATION SYSTEM	Tx Line Developer	To be finalised			
	Tx Line Name Tx Voltage Level	400 kV D/C (Quad) Lara-II to Champa PS (Length ~100 km).			
	Configuration of Tx Line (S/C or D/C)	D/C			
LAND POSSESSION	Available; Land available for Stage-II: ~ 520 acres				
WATER ALLOCATION	Available; 76 cusec for Stage-II; Source is Mahanadi River, from Saradih Barrage (38 kms from Plant).				
MOEF CLEARANCE	Available (issued on 17.07.23)				
CIVIL AVIATION CLEARANCE	Available Valid up to 17.05.2030				
CPCB CLEARANCE	Not applicable				
SPCB CLEARANCE	In Process				
FOREST CLEARANCE	Not applicable				

LARA SUPER THERMAL POWER PROJECT, St-II, Unit# 3 & 4 (2X800 MW) / NTPC (CENTRAL SECTOR)

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)					
Sl.	MILESTONE (Tentative Dates)	UNIT-03		UNIT-04	
		Original Date	Actual / Anticipated Date	Original Date	Actual / Anticipated Date
1	COMPLETION OF BOILER FOUNDATION				
2	START OF BOILER ERECTION	Oct-2024	Jan-2025	Jun-2025	May-2025
3	BOILER DRUM LIFTING (if sub-critical unit)	NA		NA	
4	BOILER CEILING GIRDER LIFTING COMPLETION	Aug-2025	Oct-2025	Feb-2026	Feb-2026
5	CONDENSER ERECTION START	Oct-2025	Oct-2025	Apr-2026	April-2026
6	TG ERECTION START	Nov-2025	Nov-2025	May-2026	May-2026
7	HP PIPING ERECTION START	Sept-2025	Sept-2025	Mar-2026	Mar-2026
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION				
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	Feb-2027	Feb-2027	Aug-2027	Aug-2027
10	TG BOX UP	Jan-2027	Jan-2027	Oct-2027	Oct-2027
11	HP PIPING ERECTION COMPLETION	April-2027	April-2027	Oct-2027	Oct-2027
12	START OF OIL FLUSHING	Dec-2026	Dec-2026	June-2026	June-2026
13	BOILER LIGHT UP	June-2027	June-2027	Dec-2027	Dec-2027
14	CHEMICAL CLEANING COMPLETION	June-2027	June-2027	Dec-2027	Dec-2027
15	STEAM BLOWING START	June-2027	June-2027	Dec-2027	Dec-2027
16	STEAM BLOWING COMPLETION	July-2027	Aug-2027	Feb-2028	Feb-2028
17	ROLLING & SYNC.	Oct-2027	Oct-2027	April-2028	April-2028
18	FULL LOAD	Nov-2027	Nov-2027	May-2028	May-2028
19	TRIAL RUN	Dec-2027	Dec-2027	Jun-2028	Jun-2028
20	COD	Jan-2028	Jan-2028	Jul-2028	Jul-2028

STATUS OF MAIN PLANT PACKAGE (BTG) : BHEL							
Sl.	Packages	AREA	UNIT-03		UNIT-04		
			% Completion	% Completion			
1	BOILER	CIVIL	100%	75%			
		STRUCTURE	24%	10%			
		PRESSURE PARTS	0%	0%			
2	TG	CIVIL	72%	50%			
		STRUCTURE	10%	0%			
		TG ERECTION	0%	0%			
3	ESP	UNDER PROGRESS	30%	21%			
4	FGD	CIVIL WORK	2%	1%			
		MATERIAL SUPPLY	0%	0%			
		ERECTION WORK	0%	0%			

STATUS OF BOPs							
Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency	Date of Award	Scheduled Date of Completion	Anticipated /Actual Date of Completion	UNIT-03	UNIT-04
						% Completion	% Completion
1	Chimney	BHEL	Aug'23	U#1-Oct26 U#2-Feb27	U#1-Oct26 U#2-Feb27	15%	10%
2	Coal HandlingPlant	Conveyor Package -	Aug'23	U#1-Dec26 U#2-Apr27	U#1-Dec26 U#2-Apr27	7%	13%
		Stacker Reclaimer -	NA	NA	NA	NA	NA
		Track Hopper	Aug'23	U#1-Dec26 U#2-Apr27	U#1-Dec26 U#2-Apr27	7%	13%
3	Ash Handling	BHEL	Aug'23	U#1-Feb27 U#2-Jun27	U#1-Feb27 U#2-Jun27	4%	4%
4	Fuel Oil System	BHEL	Aug'23	U#1-Oct26 U#2-Feb27	U#1-Oct26 U#2-Feb27	0%	0%
5	Cooling Towers	BHEL	Aug'23	U#1-Sep26 U#2-Jan27	U#1-Sep26 U#2-Jan27	14%	14%
6	CW Pump	BHEL	Aug'23	U#1-Sep26 U#2-Jan27	U#1-Sep26 U#2-Jan27	28%	23%
7	WPT Plant	BHEL	Aug'23	U#1-Aug26 U#2-Dec26	U#1-Aug26 U#2-Dec26	12%	2%
8	DM Plant	BHEL	Aug'23	U#1-Jun26 U#2-Oct26	U#1-Jun26 U#2-Oct26	0%	0%
9	Compressed Air System	BHEL	Aug'23	U#1-Sep26 U#2-Jan27	U#1-Sep26 U#2-Jan27	0%	0%
10	Fire Protection System	BHEL	Aug'23	U#1-Jul27 U#2-Nov27	U#1-Jul27 U#2-Nov27	0%	0%
11	Switch Yard	BHEL	Aug'23	U#1-Feb27 U#2-Jun27	U#1-Feb27 U#2-Jun27	12%	10%
12	Station Txer	BHEL	Aug'23	U#1-Feb26 U#2-Jun26	U#1-Feb26 U#2-Jun26	40%	20%
13	Unit Txer	BHEL	Aug'23	U#1-Apr27 U#2-Aug27	U#1-Apr27 U#2-Aug27	40%	20%
14	Railway Siding	UTES	Application filed to Railways for FR approval			0%	0%
15	Power evacuation	Umbrella MoU done with PowerGrid					

CRITICAL ISSUES

Inadequate mobilization and supply delays by EPC agency (BHEL).

REASONS OF DELAY

Singrauli STPP, St-III, Unit# 8 & 9 (2X800 MW) / NTPC (CENTRAL SECTOR)

Shaktinagar, Distt.- Sonebhadra, Uttar Pradesh

E-Gen Portal Registration No. (U#8 –1200003908, U#9 –1200003909)

Project Developer / Implementing Agency -NTPC		Main Plant Vendor - M/s BHEL (EPC contract)		
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual	Trial Run Date
Unit#8	05-03-2024	May-29	May-29	
Unit#9		Feb-30	Feb-30	

CLEARANCES AND STATIC DATA		FINANCIAL DATA (Fig. in Rs. Crore)	
FUEL TYPE	Coal, Pithead	ORIGINAL ESTIMATED COST OF THE PROJECT	17195.31
COAL COMBUSTION TECHNOLOGY	Ultra-Supercritical	LATEST ESTIMATED COST	17195.31
APPROVAL DATE / NTP	03.03.2024 (Investment Approval)	DATE OF FINANCIAL CLOSURE	03.03.2024
PPA	PPA signed with UPPCL, PSPCL, RUVNL, UPCL, Consent available from J&K	YEAR WISE EXPENDITURE	
		2023-24	-
COAL LINKAGE/FSA	21.04.2020,NCL,G-10 and 5.61 MTPA	2024-25	1,343.10
START UP POWER AGREEMENT	400 kV D/C Interconnection Between VSTPP-V to Singrauli-III with twin Moose conductor.	EXPENDITURE OF JUL-25	79.00
POWER EVACUATION SYSTEM	400 KV D/C between VSTPP-V to Singrauli-III with Quad Moose conductor.	2025-26	283.3
LAND POSSESSION	Land is available and in possession.	TOTAL EXPENDITURE (up to 31.07.2025)	1,626.40
WATER ALLOCATION	48 cusec from Rihand reservoir		
MOEF CLEARANCE	Available vide MoEF&CC Letter dated 13.07.2020		
CIVIL AVIATION CLEARANCE	Available vide AAI Letter dated 27.11.2018		
CPCB CLEARANCE	Available		
SPCB CLEARANCE	Available		
FOREST CLEARANCE	Available		

Singrauli STPP, St-III, Unit # 8 & 9 (2X800 MW) / NTPC (CENTRAL SECTOR)

UNIT WISE MILESTONES (ANTICIPATED/ ACTUAL)						STATUS OF MAIN PLANT PACKAGE (BTG-BHEL)							
SI .	Milestone	UNIT-08		UNIT-09		SI	PACKAGE	AREA	UNIT-08		UNIT-09		
		Original Date of Completion	Actual / Anticipated Date of Completion	Original Date of Completion	Actual / Anticipated Date of Completion								
1	Completion Of Boiler Foundation	Nov-25	Nov-25	Aug-26	Aug-26	1	BOILER	CIVIL	95%		94%		
2	Start Of Boiler Erection	Nov-25	Nov-25	Aug-26	Aug-26			STRUCTURE	2%		0%		
								PRESSURE PARTS	0%		0%		
3	Boiler Ceiling Girder Lifting Completion	Mar-26	Mar-26	Dec-26	Dec-26	2	TG	CIVIL	74%		26%		
4	Condenser Erection Start	Oct-26	Oct-26	Jul-27	Jul-27			STRUCTURE	0%		0%		
5	TG Erection Start	Nov-26	Nov-26	Aug-27	Aug-27			TG ERECTION	0%		0%		
6	HP Piping Erection Start	Jun-26	Jun-26	Mar-27	Mar-27	3	ESP	UNDER PROGRESS	30%		60%		
7	Boiler Hydro Test (Drainable) Completion	Sep-27	Sep-27	Jun-28	Jun-28	4	FGD	CIVIL WORK	0%		0%		
8	Boiler Hydro Test (Non-Drainable) Completion	Nov-27	Nov-27	Aug-28	Aug-28			MATERIAL SUPPLY	0%		0%		
9	TG BOX UP	Mar-28	Mar-28	Dec-28	Dec-28			ERECTION WORK	0%		0%		
10	HP Piping Erection Completion	May-28	May-28	Feb-29	Feb-29	STATUS OF BOPs							
11	Start Of Oil Flushing	Apr-28	Apr-28	Jan-29	Jan-29	SI .	Packages/ Linked Project Milestones	Vendor/Contracting Agency (DPSI)	Date of Award	Scheduled Date of Comp.	Ant/ Actual Date of Comp.	UNIT-08	UNIT-09
12	Boiler Light Up	May-28	May-28	Feb-29	Feb-29	1	Chimney	M/s Kanwar	29.10.24	U#8-Aug-28 U#9-May-29	U#8-Aug-28 U#9-May-29	45%	45%
13	Chemical Cleaning Completion	Jun-28	Jun-28	Mar-29	Mar-29	2	Coal Handling Plant	Conveyor Package - M/s Kanwar (Civil)	06.03.25	U#8-Dec-28 U#9-Apr-29	U#8-Dec-28 U#9-Apr-29	2%	2%
14	Steam Blowing Start	Aug-28	Aug-28	May-29	May-29			Track Hopper – M/s Sarpanch	06.02.25	U#8-Dec-28 U#9-Apr-29	U#8-Dec-28 U#9-Apr-29	0%	0%
15	Steam Blowing Completion	Sep-28	Sep-28	Jun-29	Jun-29			Stacker Reclaimer - ISGEC	25.09.24	Aug-28	Aug-28	0%	0%
16	Rolling & Sync.	Mar-29	Mar-29	Dec-29	Dec-29	3	Ash Handling Plant	To be awarded		Apr-29	Apr-29	0%	0%
17	Full Load	Apr-29	Apr-29	Jan-30	Jan-30	4	Fuel Oil System			Jul-28	Jul-28	0%	0%
18	Trial Run	May-29	May-29	Feb-30	Feb-30	5	Cooling Towers	M/s PCTL	06.08.24	U#8-Sep-27 U#9-Jan-28	U#8-Sep-27 U#9-Jan-28	25%	30%
19	COD	Jun-29	Jun-29	Mar-30	Mar-30	6	CW Pump house	M/s Barbarik (Civil) M/s Dew Projects and Chemical Ltd	24.03.25	U#8-Nov-27 U#9-Jun-28	U#8-Nov-27 U#9-Jun-28	4%	5%
						7	WPT Plant			U#8-May-28 U#9-Sep-28	U#8-May-28 U#9-Sep-28	0%	0%
						8	DM Plant			U#8-Dec-27 U#9-Mar-28	U#8-Dec-27 U#9-Mar-28	18%	16%
						9	Compressed Air System			U#8-Apr-28 U#9-Oct-28	U#8-Apr-28 U#9-Oct-28	0%	0%
						10	Fire Protection System			U#8-Sep-28 U#9-Mar-28	U#8-Sep-28 U#9-Mar-28	0%	0%
						11	Switch Yard	To be awarded		U#8-Feb-28 U#9-Jun-28	U#8-Feb-28 U#9-Jun-28	2%	0%
						12	Station Transformers			U#8-Aug-27 U#9-Jan-28	U#8-Aug-27 U#9-Jan-28	10%	0%
						13	Unit Transformers			U#8-Oct-28 U#9-Feb-29	U#8-Oct-28 U#9-Feb-29	0%	0%
						14	Railway Siding	MG Infra(FR Study)		Nov-29	Nov-29	0%	0%
						15	Power Evacuation Lines			Nov-29	Nov-29	0%	0%

CRITICAL AREAS

REASONS OF DELAY

Sipat STPP, Stage-III, Unit#6 (1x800 MW)/ NTPC (CENTRAL SECTOR)

District: Bilaspur, Chhattisgarh

E-Gen Portal Registration No. (U#6 –1200003943)

Project Developer / Implementing Agency -NTPC		Main Plant Vendor - M/S BHEL (EPC)		
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual	Trial Run Date
Unit#6	20-09-2024	Sept-29		Sept-29

CLEARANCES AND STATIC DATA		FINANCIAL DATA (Fig. in Rs. Crore)	
FUEL TYPE	Coal	ORIGINAL ESTIMATED COST OF THE PROJECT	₹ 9,791 Cr. (Approved on 19.09.24)
COAL COMBUSTION TECHNOLOGY	Ultra-supercritical	LATEST ESTIMATED COST	₹ 9791 Cr.
APPROVAL DATE / NTP	19-09-2024 (Investment approval) / 20-09-2024 (EPC pkg award)	DATE OF FINANCIAL CLOSURE	19.09.24
PPA	PPA Signed with Chhattisgarh, Gujarat and Madhya Pradesh. Consent available from Goa.	YEAR WISE EXPENDITURE	
COAL LINKAGE/FSA	SLC-LT granted coal linkage during meeting on 21.02.2023 (3.25 MTPA)	2024-25	₹ 638.99
START UP POWER AGREEMENT	Proposed to be drawn from existing Sipat stage-I & II 132 kV switchyard.	EXPENDITURE OF JUL-25	4.65
POWER EVACUATION SYSTEM	Connectivity granted at existing Stage-I & II generation 765 kV switchyard	2025-26	49.14
LAND POSSESSION	Land is available and in possession.	TOTAL EXPENDITURE (Upto 31.07.2025)	₹ 688.13
WATER ALLOCATION	Available (24 Cusecs) from the existing allocation (Right Bank Canal Hasdeo Barrage)		
MOEF CLEARANCE	Available (06.08.2024).		
CIVIL AVIATION CLEARANCE	Available on 24.05.2019		
CPCB CLEARANCE	Not applicable		
SPCB CLEARANCE	In progress		
FOREST CLEARANCE	Not applicable		

Sipat STPP, Stage-III, Unit#6 (1x800 MW)/ NTPC (CENTRAL SECTOR)

UNIT WISE MILESTONES (ANTICIPATED/ ACTUAL)				STATUS OF MAIN PLANT PACKAGE (BTG)						
Sl.	Milestone	UNIT-6		SI	PACKAGE	AREA		UNIT-6		
		Original Date of Completion	Actual / Anticipated Date of Completion							
1	Completion Of Boiler Foundation	Mar-25	Mar-25	1	BOILER	CIVIL		2%		
2	Start Of Boiler Erection	Sep-25	Sep-25			STRUCTURE		0%		
3	Boiler Ceiling Girder Lifting Completion	Feb-26	Feb-26			PRESSURE PARTS		0%		
4	Condenser Erection Start	Jan-27	Jan-27	2	TG	CIVIL		0%		
5	TG Erection Start	Feb-27	Feb-27			STRUCTURE		0%		
6	HP Piping Erection Start	Mar-27	Mar-27			TG ERECTION		0%		
7	Boiler Hydro Test (Drainable) Completion	Jan-28	Jan-28	3	ESP	UNDER PROGRESS		1%		
8	Boiler Hydro Test (Non-Drainable) Completion	Aug-28	Aug-28			CIVIL WORK		0%		
9	TG BOX UP	Dec-28	Dec-28	4	FGD	MATERIAL SUPPLY		0%		
10	HP Piping Erection Completion	Sep-28	Sep-28			ERECTION WORK		0%		
11	Start Of Oil Flushing	Feb-29	Feb-29	Sl.	Packages/ Linked Project Milestones	Vendor/Co ntracting Agency (DPSI)	Date of Award	Scheduled Date of Comp.	Ant/ Actual Date of Comp.	UNIT-6
12	Boiler Light Up	Sep-28	Sep-28	1	Chimney	M/s BHEL		Mar-28	Mar-28	0%
13	Chemical Cleaning Completion	Nov-28	Nov-28	2	Coal Handling Plant	M/s BTL	20.03.25	Apr-28	Apr-28	0%
14	Steam Blowing Start	Mar-29	Mar-29	3	Ash Handling Plant	M/s BHEL		Feb-28	Feb-28	0%
15	Steam Blowing Completion	Apr-29	Apr-29	4	Fuel Oil System	M/s BHEL		Jan-28	Jan-28	0%
16	Rolling & Sync.	Jul-29	Jul-29	5	Cooling Towers	M/s AS Cooling	18.03.25	Sep-27	Sep-27	0%
17	Full Load	Aug-29	Aug-29	6	CW Pump house	M/s BHEL		Jun-27	Jun-27	0%
18	Trial Run	Sep-29	Sep-29	7	WPT Plant	M/s BHEL		Sep-27	Sep-27	0%
19	COD	Oct-29	Oct-29	8	DM Plant	M/s BHEL		Jul-27	Jul-27	0%
				9	Compressed Air System	M/s BHEL		Sep-27	Sep-27	0%
				10	Fire Protection System	M/s BHEL		Jul-28	Jul-28	0%
				11	Switch Yard	M/s BHEL		Jan-28	Jan-28	0%
				12	Station Transformers	To be awarded		Feb-27	Feb-27	0%
				13	Unit Transformers	M/s BHEL		May-28	May-28	0%
				14	Railway Siding	NA	NA	NA	Already Existing MGR	
				15	Power Evacuation Lines	To be awarded			0%	To be connected to existing Stage-I and II 765 kV generation switchyard.

CRITICAL AREAS

- Slow progress of Main Plant Civil Agency
- Delay in award of Boiler erection agency.

REASONS OF DELAY

Nabinagar STPP, St-II, Unit#4, 5 & 6 (3X800 MW) / NTPC (CENTRAL SECTOR)

NPGCL, Aditi Nagar, Distt- Aurangabad, Bihar

E-Gen Portal Registration No. (U#4-1200004051, U#5-1200004052, U#6-1200004053)

Project Developer / Implementing Agency -NTPC		Main Plant Vendor - M/S BHEL (EPC)		
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual	Trial Run Date
Unit#4	03-03-2025	Jul-29	Jul-29	
Unit#5		Jan-30	Jan-30	
Unit#6		Jul-30	Jul-30	

CLEARANCES AND STATIC DATA		FINANCIAL DATA (Fig. in Rs. Crore)	
FUEL TYPE	Coal, Non-Pithead	ORIGINAL ESTIMATED COST OF THE PROJECT	29947.91
COAL COMBUSTION TECHNOLOGY	Ultra-Supercritical	LATEST ESTIMATED COST	29947.91
APPROVAL DATE / NTP	05.11.2024 (Investment Approval)/ 03-03-2025 (NOA for Main Plant (BTG) Package issued to M/s L&T)	DATE OF FINANCIAL CLOSURE	03.03.2024
PPA	PPA signed with Bihar, Rajasthan and West Bengal.	YEAR WISE EXPENDITURE	
		2024-25	480.94
COAL LINKAGE/FSA	SLC-LT granted coal linkage during meeting on 03.01.2024 (10.18 MTPA)	EXPENDITURE OF JUL-25	12.85
START UP POWER AGREEMENT	Proposed to be drawn from existing Nabinagar STPS Stage-I 400kV switchyard.	2025-26	506.06
POWER EVACUATION SYSTEM	Revised dual Connectivity application (CTU & STU) to be filed, pursuant to change in voltage level from 765KV to 400KV as per requirement of BSPTCL.	TOTAL EXPENDITURE (up to 31.07.2025)	987.00
LAND POSSESSION	Land is available and in possession.		
WATER ALLOCATION	30 Cusecs available from Sone River.		
MOEF CLEARANCE	Available vide MoEF&CC Letter dated 28.02.2025		
CIVIL AVIATION CLEARANCE	Available vide AAI Letter dated 10.05.2024		
CPCB CLEARANCE	Not Applicable		
SPCB CLEARANCE	In Progress		
FOREST CLEARANCE	Not Applicable		

Nabinagar STPP, St-II, Unit#4, 5 & 6 (3X800 MW)/ NTPC (CENTRAL SECTOR)

UNIT WISE MILESTONES (ANTICIPATED/ ACTUAL)								STATUS OF MAIN PLANT PACKAGE (BTG) / (M/s L&T)								
Sl.	Milestone	UNIT-4		UNIT-5		UNIT-6		SI	PACKAGE	AREA	UNIT-4	UNIT-5	UNIT-6			
		Original Date of Completion	Actual / Anticipated Date of Completion	Original Date of Completion	Actual / Anticipated Date of Completion	Original Date of Completion	Actual / Anticipated Date of Completion									
1	Completion Of Boiler Foundation	Apr-26	Apr-26	Oct-26	Oct-26	Apr-27	Apr-27	1	BOILER	CIVIL	0%	0%	0%			
2	Start Of Boiler Erection	May-26	May-26	Nov-26	Nov-26	May-27	May-27			STRUCTURE	0%	0%	0%			
3	Boiler Ceiling Girder Lifting Completion	Apr-27	Apr-27	Oct-27	Oct-27	Apr-28	Apr-28			PRESSURE PARTS	0%	0%	0%			
4	Condenser Erection Start	May-27	May-27	Nov-27	Nov-27	May-28	May-28	2	TG	CIVIL	0%	0%	0%			
5	TG Erection Start	Jun-27	Jun-27	Dec-27	Dec-27	Jun-28	Jun-28			STRUCTURE	0%	0%	0%			
6	HP Piping Erection Start	May-27	May-27	Nov-27	Nov-27	May-28	May-28			TG ERECTION	0%	0%	0%			
7	Boiler Hydro Test (Drainable) Completion	Mar-28	Mar-28	Sep-28	Sep-28	Mar-29	Mar-29	3	ESP	UNDER PROGRESS	0%	0%	0%			
8	Boiler Hydro Test (Non-Drainable) Completion	Apr-28	Apr-28	Oct-28	Oct-28	Apr-29	Apr-29			CIVIL WORK	0%	0%	0%			
9	TG BOX UP	Jun-28	Jun-28	Dec-28	Dec-28	Jun-29	Jun-29			MATERIAL SUPPLY	0%	0%	0%			
10	HP Piping Erection Completion	Nov-28	Nov-28	May-29	May-29	Nov-29	Nov-29	4	FGD	ERECTION WORK	0%	0%	0%			
11	Start Of Oil Flushing	Jun-28	Jun-28	Dec-28	Dec-28	Jun-29	Jun-29									
12	Boiler Light Up	Nov-28	Nov-28	May-29	May-29	Nov-29	Nov-29									
13	Chemical Cleaning Completion	Dec-28	Dec-28	Jun-29	Jun-29	Dec-29	Dec-29	STATUS OF BOPs								
14	Steam Blowing Start	Jan-29	Jan-29	Jul-29	Jul-29	Jan-30	Jan-30	Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency (DPSI)	Date of Award	Scheduled Date of Comp.	Ant/ Actual Date of Comp.	UNIT-4	UNIT-5	UNIT-6
15	Steam Blowing Completion	Feb-29	Feb-29	Aug-29	Aug-29	Feb-30	Feb-30	1	Chimney	To be awarded				0%	0%	0%
16	Rolling & Sync.	Apr-29	Apr-29	Oct-29	Oct-29	Apr-30	Apr-30	2	Coal Handling Plant	Tata Projects Ltd	Jul-25	Mar-29	Mar-29	0%	0%	0%
17	Full Load	Jun-29	Jun-29	Dec-29	Dec-29	Jun-30	Jun-30							0%	0%	0%
18	Trial Run	Jul-29	Jul-29	Jan-30	Jan-30	Jul-30	Jul-30							0%	0%	0%
19	COD	Aug-29	Aug-29	Feb-30	Feb-30	Aug-30	Aug-30	3	Ash Handling Plant	To be awarded				0%	0%	0%
								4	Fuel Oil System	To be awarded				0%	0%	0%
								5	ACC	M/s L&T				0%	0%	0%
								6	CW Pump house	NA				0%	0%	0%
								7	WPT Plant	To be awarded				0%	0%	0%
								8	DM Plant	To be awarded				0%	0%	0%
								9	Compressed Air System	To be awarded				0%	0%	0%
								10	Fire Protection System	To be awarded				0%	0%	0%
								11	Switch Yard	To be awarded				0%	0%	0%
								12	Station Transformers	To be awarded				0%	0%	0%
								13	Unit Transformers	To be awarded				0%	0%	0%
								14	Railway Siding	To be awarded				0%	0%	0%
								15	Power Evacuation Lines	To be awarded				0%	0%	0%

CRITICAL AREAS

REASONS OF DELAY

GHATAMPUR THERMAL POWER PROJECT, Unit# 1, 2 & 3 (3x660 MW) / NUPPL (CENTRAL SECTOR)

Near Village Lahurimau-Kasimpur, Ghatampur Tehsil, PO: Samuhi, Distt.- Kanpur Nagar, Uttar Pradesh-209206

E-Gen Portal Registration No. (U#1 - 1200002439; U#2 - 1200002440; U#3 - 1200002441)

Project Developer / Implementing Agency - NUPPL			Main Plant Vendor: SG- M/s L&T/MHI, TG- M/s GE		
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual	Trial Run Date	
Unit#1	Aug-2016	May-2020	03-12-2024 (A)		
Unit#2		Nov-2020	Sep-2025		
Unit#3		May-2021	Dec-2025		
CLEARANCES AND STATIC DATA			FINANCIAL DATA (Fig. in Rs. Crore)		
FUEL TYPE	Coal, Indigenous		ORIGINAL ESTIMATED COST OF THE PROJECT		17237.80
COAL COMBUSTION TECHNOLOGY	Supercritical		LATEST ESTIMATED COST		21781.0
APPROVAL DATE / NTP	GoI Sanction - 27.07.2016		DATE OF FINANCIAL CLOSURE		22.06.2021
EPC/BTG/BoP Contractor Details (Package Wise)	Contractor Details: 1. SG Package (GA1)- L&T-MHI Power Boilers Pvt. Ltd/ LoA Date-02-08-2016 2. TG Package (GA2)- GE Power Systems India Pvt. Ltd /LoA Date-02-08-2016 3. BoP Package (GA3)- BGR Energy Systems Ltd / LoA Date-21-11-2016		YEAR WISE EXPENDITURE		
PPA	75% PPA Signed with Uttar Pradesh Power Corporation Ltd.(UPPCL). Balance 25% PPA signed with Assam PDCL.		2016-17	927.76	
COAL LINKAGE/FSA	Allocation Date- 03.10.2016. Allocated Mine (Source) - Pachwara South Coal Block Grade - G10 Quantity- Net Geological Reserve 373.52 MT. Extractable reserve - 262.84MT; Pachwara South Coal Block will be fully functional by the end of Financial Year 2026-27 and will be able to meet the coal requirement of NUPPL. Hence, NUPPL is seeking coal under bridge linkage by the time Pachwara South Coal Block will be fully functional.		2017-18	1228.45	
			2018-19	3517.83	
			2019-20	3525.17	
			2020-21	2260.09	
			2021-22	1901.77	
START UP POWER AGREEMENT	There are four incoming lines for 132 KV Start-up power. Four lines are from: 1. Sarh-1 to NUPPL, 2. Ghatampur to NUPPL, 3. Sarh-2 to NUPPL, 4. Hamirpur to NUPPL; Out of four two are connected and we are availing power through two lines (Ghatampur to NUPPL & Sarh-2 to NUPPL).		2022-23	1510.79	
			2023-24	1920.57	
			2024-25	2874.67	
			EXPENDITURE OF JULY'2025	144.46	
			2025-26	518.68	
POWER EVACUATION SYSTEM	Tx Line Developer	M/S GTL			
	Tx Line Name Tx Voltage Level	i)765 KV, S/C, Ghatampur-Agra line; ii) 765 KV, S/C, Ghatampur- Hapur Line; iii) 400 KV D/C,Ghatampur-Kanpur line			
	Configuration of Tx Line (S/C or D/C)	Both			
LAND POSSESSION	Total Pocket land-52.33 Ha. (As per initial approval); Total Pocket land registered/ Acquired- 47.4790 Ha. (As per current reconciliation);				
WATER ALLOCATION	80 cusec from UP Irrigation department (44.6 km from GTPP)				
MOEF CLEARANCE	Clearance obtained date from concerned authority:- 17.06.2015 validity of it (If any):- 7 Years				
CIVIL AVIATION CLEARANCE	Clearance obtained date from concerned authority:- 13.12.2013 Validity : - 5 Years, NUPPL had sent compliance to AAI regarding the				
CPCB CLEARANCE	NOT APPLICABLE				
SPCB CLEARANCE	Clearance obtained date from concerned authority,- 17.11.2017; validity of it.- 5 Years				
FOREST CLEARANCE	NOT APPLICABLE				

GHATAMPUR THERMAL POWER PROJECT, Unit# 1, 2 & 3 (3x660 MW) / NUPPL (CENTRAL SECTOR)

UNIT WISE MILESTONES ANTICIPATED / ACTUAL)							
Sl.	Milestones	UNIT-1		UNIT-2		UNIT-3	
		Original Date of Completion	Anticipate d / Actual Date of Completion	Original Date of Completion	Anticipate d / Actual Date of Completion	Original Date of Completion	Anticipate d / Actual Date of Completion
1	COMPLETION OF BOILER FOUNDATION	Jan-17	17.03.2017	Jan-17	21.10.2020	Dec-17	29.01.2021
2	START OF BOILER ERECTION	Sep-17	27.02.2018	Mar-18	30.06.2018	Aug-18	04.12.2018
3	BOILER DRUM LIFTING (if sub-critical unit)	NA		NA		NA	
4	BOILER CEILING GIRDER LIFTING COMPLETION	May-18	25.11.2018	Nov-18	04.04.2019	May-19	12.09.2019
5	CONDENSER ERECTION START	July-18	09.03.2019	Jan-19	03.01.2020	July-19	02.03.2021
6	TG ERECTION START	July-18	08.02.2019	Jan-19	29.02.2020	July-19	30.04.2021
7	HP PIPING ERECTION START	Jan-19	30.10.2019	July-19	21.02.2019	Jan-19	30.06.2021
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION	NA		NA		NA	
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	May-19	06.01.2020	Nov-19	24.02.2021	May-20	29.08.2021
10	TG BOX UP	July-19	23.10.2019	Jan-20	15.05.2021	July-20	15.12.2022
11	HP PIPING ERECTION COMPLETION	Jun-19	31.08.2021	Jun-20	28.02.2023	Jun-20	30.06.2023
12	START OF OIL FLUSHING	Nov-19	27.10.2020	May-20	07.11.2022	Nov-20	Jan-25
13	BOILER LIGHT UP	Nov-19	28.02.2022	May 20	13-11-24	Nov-20	Aug-25
14	CHEMICAL CLEANING COMPLETION	Oct-19	24.07.2021	Apr-20	13-08-24	Oct-20	Aug-25
15	STEAM BLOWING START	Dec-19	23.06.2022	May-20	16-Apr-25	Nov-20	Aug-25
16	STEAM BLOWING COMPLETION	Jan-20	13.08.2022	Jun-20	23.06.25	Dec-20	Sep-25
17	ROLLING & SYNC.	Mar-20	04.11.2023	Aug-20	July-25	Jan-21	Oct-25
18	FULL LOAD	Apr-20	19.11.2024	Oct-20	Aug-25	Apr-21	Oct-25
19	TRIAL RUN	May-20	03-12-24	Nov-.20	Sep-25	May-21	Dec-25
20	COD	Jun-20	12-12-24	Nov-.20	Oct-25	Jun-.21	Jan-26

STATUS OF MAIN PLANT PACKAGE (BTG) : SG - L&T MHI, TG - GE										
Sl.	Packages		AREA			UNIT-1	UNIT-2		UNIT-3	
						% Completion	% Completion	% Completion		
1	BOILER		CIVIL			100%	98%	96%		
			STRUCTURE			100%	99%	98%		
			PRESSURE PARTS			100%	100%	100%		
2	TG		CIVIL			100%	100%	100%		
			STRUCTURE			100%	100%	100%		
3	ESP		UNDER PROGRESS			100%	100%	100%		
4	FGD		CIVIL WORK				55%	48%		
			MATERIAL SUPPLY							
			ERECTION WORK							
STATUS OF BOPs										
Sl.	Packages/ Linked Project Milestones		Vendor/Contracting Agency(M/s BGR)	Date of Award	Scheduled Date of Completion	Anticipated/ Actual Date of Completion	UNIT-1	UNIT-2		UNIT-3
							% Completion	% Completion	% Completion	
1	Chimney		BGR Energy System Ltd.	21.11.2016	20.11.2019	U1-Dec-24; U2- Sep-25; U3-Oct-25	100%	84%	84%	
2	Coal Handling Plant		Conveyor Pkg – BGR Energy System Ltd.	21.11.2016	20.07.2019	Dec-24; Aug-25, Oct-25	99%	95%	74%	
			Wagon Tippler - BGR Energy System Ltd.	21.11.2016	U1-Jul19, U2&3-Jan20	U1- Aug-25, U2&3- Oct-25	80%			
			Stacker Reclaimer - BGR Energy System Ltd.	21.11.2016	U1-Jun19, U2&3-Feb20	SR1- Aug-25, SR2-Oct-25	68%			
3	Ash Handling Plant		BGR Energy System Ltd.	21.11.2016	Jul19, Mar20, Feb20	Dec-24; Aug-25, Oct-25	100%	94%	64%	
4	Fuel Oil System		L&T MHI Power Boilers Pvt Ltd	21.11.2016	24.10.2019	Jun-25	99%			
5	Cooling Towers		BGR Energy System Ltd.	21.11.2016	20.11.2020	Jul24; Aug-25, Oct-25	100%	95%	83%	
6	CW Pump house		BGR Energy System Ltd.	21.11.2016	20.11.2020	Oct24; Aug-25, Jun-25	100%	100%	68%	
7	WPT Plant		BGR Energy System Ltd.	21.11.2016	20.04.2019	Jun-25	99%			
8	DM Plant		BGR Energy System Ltd.	21.11.2016	20.04.2019	Feb-22 (A)	100%			
9	Compressed Air System		L&T MHI Power Boilers Pvt Ltd	02.08.2016	20.07.2019	Mar-23 (A)	100%			
10	Fire Protection System		BGR Energy System Ltd.	21.11.2016	20.11.2020	Jun-25; Aug-25, Oct-25	86%	90%	68%	
11	Switch Yard		BGR Energy System Ltd.	21.11.2016	20.02.2020	09-July-25; Oct-25	74%	100%	58%	
12	Station Transformers		GE-Power Systems India Pvt. Ltd.	02.08.2016	Apr19, Oct19, Apr20	Feb21(A); Aug22(A); Aug-25	100.0%	100.0%	99%	
13	Unit Transformers		GE-Power Systems India Pvt. Ltd.	02.08.2016	Apr19, Oct19, Apr20	Jul22(A); Dec22 (A); Sep-25	100.0%	100%	98%	
14	Railway Siding		RITES	29.03.2019	28.03.2021	Sep-25	98%			
15	Power Evacuation Lines		Ghatampur Transmission Ltd	12.06.2018	26.02.2020	17.05.2020(A)	400kV GTPS-Kanpur -100%			
					26.09.2020	27.03.2021(A)	765kV GTPS-Agra -100%			
					26.03.2021	25.12.2021(A)	765kV GTPS-Hapur - 100%			

CRITICAL ISSUES

- Delay in readiness of Wagon Tippler and S/R due to material supply delay.
- U#2- Delay in completion of TAC and NDCT
- U#3-Delay in completion of BAH, NDCT

REASONS OF DELAY

Work of BoP areas had been put on hold in August 2021 site due to financial issues being faced by M/s BGR.

NLC TALABIRA TPP, Unit# 1, 2 & 3 (3X800 MW) / NLC (CENTRAL SECTOR)

Office of the CGM & Project Head, Talabira TPP, NLC India Ltd, Ainthapalli, Sambalpur – 768 001

E-Gen Portal Registration No. (U#1 - 1200003602 ; U#2 - 1200003603 ; U#3 - 1200003604)

Project Developer / Implementing Agency -NLCIL		Main Plant Vendor - M/s BHEL (EPC contract)	
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual Trial Run Date
Unit#1	12-01-2024	May-2028	Mar-2029
Unit#2		Nov-2028	Sep-2029
Unit#3		April-2029	Mar-2030

CLEARANCES AND STATIC DATA		FINANCIAL DATA (Fig. in Rs. Crore)	
FUEL TYPE	Coal, Pithead	ORIGINAL ESTIMATED COST OF THE PROJECT	19,422.44
COAL COMBUSTION TECHNOLOGY	Ultra-Supercritical	LATEST ESTIMATED COST	27,212.96
APPROVAL DATE / NTP	NTP issued on 27-11-2024	DATE OF FINANCIAL CLOSURE	
PPA	"100% PPA available. PPA signed with: a) TANGEDCO for 1500 MW on 16.03.2022(62.50%) b) Puducherry Electricity Dept for 100 MW on 09.05.2022 (4.17%) c) KSEBL for 400 MW on 19.10.2022 (16.67%) d) GRIDCO for 400 MW on 28.09.2023 (16.67%)"	YEAR WISE EXPENDITURE	
		2017-18	1.01
		2018-19	28.3
		2019-20	2.82
		2020-21	2.05
		2021-22	21.31
		2022-23	519.40
		2023-24	255.01
		2024-25	381.72
		Expenditure of Jul'25	10.08
		2025-26	386.69
		TOTAL EXPENDITURE (up to 31.08.2025)	1598.31
COAL LINKAGE/FSA	Coal Linkage from Talabira II & III OCP 10.56 Million Tonnes of coal per annum. GCV of about 3700 kCal/kg. [Grade: G-12]		
START UP POWER AGREEMENT	Start-up power will be drawn from CTU network, planned at 36 th month from the date of NTP. Start-up power agreement will be made with ERLDC as per CERC guidelines and prior to 36 th month.		
POWER EVACUATION SYSTEM	Out of 2400 MW project, the 2000 MW will be connected at CTU substation, and 400 MW will be connected at STU substation. The power required for Interstate Transmission will be evacuated through 2 Nos. D/C 765 KV transmission lines (LILO) to Jharsuguda (Sundargarh) Substation & Angul Substation of PGCIL, which is at a distance of about 25 km. The power required for the state of Odisha will be evacuated through 1 no. D/C 400 kV transmission line to nearby OPTCL Substation (Lapanga).		
LAND POSSESSION	"Requirement- 1694.5 Ac. Advance Possession: 692 Ac. Land in Use: 0 Ac."		
WATER ALLOCATION	The Govt. of Odisha has granted approval for 90 cusecs for the Phase-I 3X 800 MW and Phase-II 1x800 MW project from Hirakud Reservoir.		
MOEF CLEARANCE	"EC Obtained on 02.02.2021 (Validity 7 years from 02.02.2021)"		
CIVIL AVIATION CLEARANCE	Obtained on 18.07.2018 from AAI		
CPCB CLEARANCE	Not Applicable		
SPCB CLEARANCE	Not Applicable		
FOREST CLEARANCE	Not Applicable		

NLC TALABIRA TPP, Unit# 1, 2 & 3 (3X800 MW) / NLC (CENTRAL SECTOR)

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)								STATUS OF MAIN PLANT PACKAGE (BTG) - M/s BHEL								
Sl.	Milestone	UNIT-01		UNIT-02		UNIT-03		SI	PACKAGE	AREA	UNIT-01	UNIT-02	UNIT-03			
		Original Date of Completi on	Actual / Anticipat ed Date of Completi on	Original Date of Completi on	Actual / Anticipat ed Date of Completi on	Original Date of Completi on	Actual / Anticipat ed Date of Completi on									
1	Completion of Boiler Foundation	Dec-25	Dec-25	May-26	Jun-26	Oct-26	Dec-26	1	BOILER	CIVIL	0	0	0			
2	Start Of Boiler Erection	Dec25	Jan-26	May-26	Jul-26	Oct-26	Jan-27			STRUCTURE	0	0	0			
3	Boiler Ceiling Girder Lifting Completion	Nov-26	Nov-26	Dec-26	Dec-26	May-27	May-27			PRESSURE PARTS	0	0	0			
4	Condenser Erection Start	Apr-26	Mar-26	Apr-27	Sep-26	Sep-27	Mar-27	2	TG	CIVIL	0	0	0			
5	TG Erection Start	Jun-26	feb-27	May-27	Jul-27	Oct-27	Feb-28			STRUCTURE	0	0	0			
6	HP Piping Erection Start	Oct-27	Dec-27	Sep-28	May-28	Sep-27	Oct-28			TG ERECTION	0	0	0			
7	Boiler Hydro Test (Drainable) Completion	Aug-27	Sep-27	Oct-27	Apr-28	Mar-28	Sep-28	3	ESP	UNDER PROGRESS	0	0	0			
8	Boiler Hydro Test (Non-Drainable) Completion	Feb-28	May-28	May-28	Nov-28	Oct-28	May-28	4	FGD	CIVIL WORK	0	0	0			
9	TG BOX UP	Nov-27	Apr-28	May-28	Oct-28	Oct-28	Apr-29			MATERIAL SUPPLY	0	0	0			
10	HP Piping Erection Completion	Sep-26	Jul-28	Oct-28	Jan-29	Mar-29	Jul-29			ERECTION WORK	0	0	0			
11	Start Of Oil Flushing	Sep-27	Apr-28	June-28	Oct-28	Nov-28	Apr-29	STATUS OF BOPs								
12	Boiler Light Up	Jun-28	Jun-28	May-28	Dec-28	Oct-28	Jun-29	Sl.	Packages/ Linked Project Milestones	Vendor/C ontractin g Agency (DPSI)	Date of Award	Schedule d Date of Comp.	Ant/ Actual Date of Comp.	UNIT 01	UNIT 02	UNIT03
13	Chemical Cleaning Completion	Jul-28	Jul-28	June-28	Jan-29	Nov-28	Jul-29	1	Chimney	-	-	-	-	0	0	0
14	Steam Blowing Start	Aug-28	Sep-28	July-28	Mar-29	Dec-28	Sep-29	2	Coal Handling Plant	-	-	-	-	0	0	0
15	Steam Blowing Completion	Sep-28	Oct-28	Aug-28	Apr-29	Jan-29	Oct-29			-	-	-	-	0	0	0
16	Rolling & Sync.	Mar-28	Dec-28	Sep-28	Jun-29	Feb-29	Dec-29			-	-	-	-	0	0	0
17	Full Load	Apr-28	Feb-29	Oct-28	Aug-29	Mar-29	Feb-30	3	Ash Handling Plant	-	-	-	-	0	0	0
18	Trial Run	May-28	Mar-29	Nov-28	Sep-29	Apr-29	Mar-30	4	Fuel Oil System	-	-	-	-	0	0	0
19	COD	June’28	Apr’29	Dec’28	Oct’29	May’29	Apr’30	5	Cooling Towers	-	-	-	-	0	0	0
								6	CW Pump house	-	-	-	-	0	0	0
								7	WPT Plant	-	-	-	-	0	0	0
								8	DM Plant	-	-	-	-	0	0	0
								9	Compressed Air System	-	-	-	-	0	0	0
								10	Fire Protection System	-	-	-	-	0	0	0
								11	Switch Yard	-	-	-	-	0	0	0
								12	Station Transformers	-	-	-	-	0	0	0
								13	Unit Transformers	-	-	-	-	0	0	0
								14	Railway Siding	-	-	-	-	0	0	0
								15	Power Evacuation Lines	-	-	-	-	0	0	0

CRITICAL AREAS

- Land possession not completed (Requirement- 1694.5 Acre, Advance Possession-692 Acre).

REASONS OF DELAY

-

KHURJA STPP, Unit# 1 & 2 (2x660 MW) / THDC (CENTRAL SECTOR)

Khurja, Distt.-Bulandshahar, Uttar Pradesh -203 131

E-Gen Portal Registration No. (U#1 - 1200002023; U#2 - 1200002024)

Project Developer / Implementing Agency - THDC			Main Plant Vendor: SG - L&T/MHI and TG - BHEL		
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual	Trial Run Date	
Unit#1	Aug-2019	Jul-2023	23-01-2025(A)		
Unit#2		Jan-2024	Sep-2025		
CLEARANCES AND STATIC DATA			FINANCIAL DATA (Fig. in Rs. Crore)		
FUEL TYPE	Coal, Indigenous		ORIGINAL ESTIMATED COST OF THE PROJECT		11089.42
COAL COMBUSTION TECHNOLOGY	Ultra-Supercritical		LATEST ESTIMATED COST		13276
APPROVAL DATE / NTP	07.03.2019.		DATE OF FINANCIAL CLOSURE		
EPC/BTG/BoP Contractor Details (Package Wise)	Zero Date : 29.08.2019 (with respect to Award of Main Plant Package i.e. Steam Generator & Associated Packages)		YEAR WISE EXPENDITURE		
PPA	PPAs for entire off take-off power to be generated from Khurja STPP have been signed by THCDIL prior to 05.01.2011 with Uttar Pradesh, Utrrakhand, Rajasthan, Himachal Pradesh and Delhi. Out of 1320 MW, 60% power (792 MW) is to be supplied to UP & balance 40% power (528 MW) is to be supplied to other beneficiary states as per allocation to be done by Ministry of Power.		2016-17		344.18
			2017-18		10.83
			2018-19		151.18
COAL LINKAGE/FSA	For Coal linkage, Ministry of Coal, GoI vide allotment order dtd.17.01.2017 has allotted Amelia Coal Mine in District Singrauli, Madhya Pradesh to THDCIL to meet out fuel requirements of the project. Grade of Coal: G9 (Avg. GCV = 4746 Kcal/Kg). Net Geological Reserve in Amelia Coal Mine is 162.05 Million Tonnes (OC)out of this Extractable Coal Reserve is 139.48 Million Tonnes.		2019-20		446.78
			2020-21		801.95
			2021-22		2192.45
START UP POWER AGREEMENT	Connectivity has been granted by CTU vide its letter NoC/CTU/N/05/1200002404 dated.18.03.2020 for evacuation of 528 MW power from Khurja (2x660 MW) STPP to ISTS beneficiaries. Signing of Connectivity agreement is under process. In line with the granted connectivity, power evacuation system is under implementation through Power Grid Corporation Of India Limited and is likely to completed by June-2022.Thereafter THDCIL will request RLDC for availing start up power as per CERC Regulations.		2022-23		2869.71
			2023-24		3145.21
			2024-25		2426.39
POWER EVACUATION SYSTEM	Tx Line Developer	PGCIL and UPPTCL	EXPENDITURE in July'2025		88.55
	Tx Line Name Tx Voltage Level	i) Khurja STPP- Aligarh 400 KV, D/C line (PGCIL) ii) Aligarh-Shamli 400 KV line, D/C, LILOing at Khurja STPP (UPPTCL).	2025-26		304.47
	Configuration of Tx Line (S/C or D/C)	D/C	TOTAL EXPENDITURE (upto 31.07.2025)		12693.15
LAND POSSESSION	Small Patches of land within the boundary of already acquired 1201 Acre land by UPSIDC and handed over to THDCIL.				
WATER ALLOCATION	Formal water commitment letter for providing 43 Cusec water for Makeup Water System from Upper Ganga Canal at just 11 Km from Project site issued by Water Resource Department, GoUP on 12.06.2014.				
MOEF CLEARANCE	Environmental Clearance has been accorded to Khurja STPP by MOEF&CC on 30.03.2017.				
CIVIL AVIATION CLEARANCE	Clearance for construction of chimney for Khurja STPP has been obtained from Airport Authority of India (AAI) on 19.04.2018 with validity up to 17.07.2023.				
CPCB CLEARANCE	NOT APPLICABLE				
SPCB CLEARANCE	“Consent to Establish” has been granted by SPCB Uttar Pradesh on 13.06.2018 with validity upto 01.06.2023.				
FOREST CLEARANCE	NOT APPLICABLE				

KHURJA SUPER STPP, Unit# 1 & 2 (2x660 MW) / THDC (CENTRAL SECTOR)

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)					
Sl.	MILESTONE	UNIT-01		UNIT-02	
		Original Date	Actual / Anticipated Date	Original Date	Actual / Anticipated Date
1	COMPLETION OF BOILER FOUNDATION	Sep-2020	20.01.2021	Mar-2021	15.11.2021
2	START OF BOILER ERECTION	Oct-2020	20.02.2021	Apr-2021	17.08.2021
3	BOILER DRUM LIFTING (if sub-critical unit)	NA		NA	
4	BOILER CEILING GIRDER LIFTING COMPLETION	May-2021	12.02.2022	Nov-2021	09.09.2022
5	CONDENSER ERECTION START	Sep-2021	25.03.2022	Jan-2022	19.01.2023
6	TG ERECTION START	Sep-2021	25.05.2022	Mar-2022	25.02.2023
7	HP PIPING ERECTION START	Jun-2021	20.10.2022	Dec-2021	28.02.2023
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION	May-2022	15.03.2023	Nov-2022	02.11.2023
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	NA	NA	NA	NA
10	TG BOX UP	Aug-2022	20.07.2023	Feb-2023	25.06.24
11	HP PIPING ERECTION COMPLETION	Oct-2022	15.01.24	Apr-2023	31-03-25
12	BOILER LIGHT UP	Oct-2022	Mar-24	Apr-2023	Apr-25
13	CHEMICAL CLEANING COMPLETION	Oct-2022	18.02.24	Apr-2023	14-03-25
14	OIL FLUSHING COMPLETION	Nov-2022	07.11.2023	May-2023	01-03-25
15	STEAM BLOWING START	Nov-2022	18.5.24	May-2023	15-04-25
16	STEAM BLOWING COMPLETION	Dec-2022	June-24	June-2023	30-05-25
17	ROLLING & SYNC.	Apr-2023	28-10-24	Oct-2023	Aug-25
18	FULL LOAD	Jun-2023	04-12-24	Dec-2023	Sep-25
19	TRIAL RUN	Jul-2023	23-01-2025	Jan-2024	Sep-25
20	COD	Aug-2023	26-01-2025	Feb-2024	Sep-25

STATUS OF MAIN PLANT PACKAGE (BTG) : SG:L&T MHI, TG: BHEL							
Sl.	Packages	AREA	UNIT-01	UNIT-02			
			%	%			
1	BOILER	CIVIL	100%	100%			
		STRUCTURE	100%	97.6%			
		PRESSURE PARTS	100%	100%			
2	TG	CIVIL	100%	100%			
		STRUCTURE	100%	100%			
		PRESSURE PARTS	100%	100%			
3	ESP	UNDER PROGRESS	100%	90.68%			
4	FGD	CIVIL WORK	100 % RCC completed	100%			
		MATERIAL SUPPLY	100%	100%			
		ERECTION WORK	100%	96.49%			
STATUS OF BOPs							
Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency (EPC- BHEL)	Date of Award	Scheduled Date of Completion	Anticipated /Actual Date of Completion	UNIT-01 % Completion	UNIT-02 % Completion
1	Chimney	L&T MHI Power Boilers Pvt. Ltd	27.09.2020	14.04.2023	U#1-Mar'24 U#2-Mar'25	Unit-1: RCC- 100%; Unit-2: RCC-100%	
2	Coal Handling Plant	Thyssenkrupp Industries India Pvt. Ltd.	04.08.2021	04.12.2023	Aug'25	92%	
3	Ash Handling Plant	M/s L&T MHI Power Boilers Pvt. Ltd	11.06.2020	20.02.2023	Aug'25	100% of Piling and 99% of RCC	
4	Fuel Oil System	M/s L&T MHI Power Boilers Pvt. Ltd	30.09.2021	08.10.2022	15,Dec-23	100% LDO tanks; 100% FOPH	
5	Cooling Towers	M/s Paharpur Cooling Towers Ltd	16.04.2021/ 13.10.2021	14.06.2023/ 14.12.2023	17 th May'25	U-1: 100%	U-2: 100% of civil work completed
6	CW Pump house	Flowmore Ltd.	15.03.2022	28.12.2023	Civil-Jun-24 Mech-10-05-25	100%	
7	WPT Plant	Gaja Engineering Pvt. Ltd.	30.11.2021	25.08.2023	17-01-24	Civil : 100% Mech: 99%	
8	DM Plant		30.11.2021	30.09.2023	15.09.24	Civil : 100% Mech: 100%	
9	DM Water Transfer Pump House						
10	Compressed Air System	M/s L&T MHI Power Boilers Pvt. Ltd	04-02-2022	08.10.22	31-01-24	Civil Work: 100% Erection:100%	
11	Fire Protection System	Gaja Engineering Pvt. Ltd		31.08.23	Aug'25	Civil – 100%; Mech-99%	
12	Switch Yard	GET&D	16.09.2020	25.03.2023/ 25.09.2023	U#1– Dec-24 U#2 – Aug'25	98.5%	
13	Ash Dyke Package	M/s JPW Infratech Pvt Ltd	11.03.2022	10.09.2024	Aug'25	95%	
14	Station Transformers	BHEL	09.08.2020	04.02.2022/ 30.07.2022	24.07.2023/ 24.02.25	ST-1:100% ST-2:100%	
15	Unit Transformers	BHEL	08.09.2020	15.07.2022	Oct-2024	Civil: 100% Mfg: 100%	
20	Railway Siding	M/s Jhajhariya Nirman Ltd; M/s ISC-CMIPL (JV)	13.11.2020	13.09.2022	Aug'25	99.5%	
21	Power Evacuation Lines	M/s Unitech Power Transmission M/s Hyosung India	02.03.2021	01.06.2022	24.12.2022(A)	100% Tx line work completed	

CRITICAL ISSUES

-Delay in completion of ESP (5/6 passes ready), (6/6) mills and FGD works.
-Inadequate Manpower.

REASONS OF DELAY

♦ 6 Months Post Award delay due to COVID-19 Pandemic.
♦ Slow work progress in some of the BoP areas i.e. CHP, AHP, DM Water Plant, WPT Plant and Fire protection

BUXAR THERMAL POWER PROJECT, Unit# 1 & 2 (2x660 MW) / SJVN (CENTRAL SECTOR)

Village-Chausa, Tehsil-Chausa, Distt.-Buxar (Bihar), Pin- 802114

E-Gen Portal Registration No. (U#1 - 1200002481; U#2 - 1200002482)

Project Developer / Implementing Agency -SJVN			Main Plant Vendor - M/s L&T (EPC contract)		
Unit No.	LOA		Original Trial Run Date	Anticipated / Actual	Trial Run Date
Unit#1	Jun-2019		May-2023	Sept-2025	
Unit#2			Sep-2023	Dec-2025	
CLEARANCES AND STATIC DATA				FINANCIAL DATA (Fig. in Rs. Crore)	
FUEL TYPE	Coal, Indigenous		ORIGINAL ESTIMATED COST OF THE PROJECT		10,439.09
COAL COMBUSTION TECHNOLOGY	Supercritical		LATEST ESTIMATED COST		14,390.09 (Under approval)
APPROVAL DATE / NTP	Investment Approval accorded by Govt. of India vide MoP		DATE OF FINANCIAL CLOSURE		26.11.2020
BTG/BoP Contractor Details (Package Wise)	Main Plant works has been awarded in single EPC package to M/s. L&T on 22.06.2019.		YEAR WISE EXPENDITURE		
PPA	PPA signed with Govt. of Bihar on 05.01.2011 and further reconfirmed on 09.01.2018.				
COAL LINKAGE/FSA	Allocated Mine - CCL, Magadh-Amrapali; Distance from mine - 465 km (non-pithead). Letter of Assurance (LoA) for 4.976 MTPA of G9 to G14 grade coal issued by Central Coalfields Ltd. (CCL) on 10.12.2018. Coal may be supplied either from Amrapali coal block or Magadh coal block.		2013-14	48	
			2014-15	15.61	
START UP POWER AGREEMENT	Startup power will be arranged through South Bihar Power Distribution company Ltd. (SBPDCL).		2015-16	388.78	
			2016-17	24.64	
POWER EVACUATION SYSTEM	Tx Line Developer	BSPTCL, Govt. of Bihar	2017-18	22.35	
	Tx Line Name Tx Voltage Level	i) Buxar TPS- Naubatpur 400 KV, D/C ii) Buxar TPS- Dumraon (New) 220 KV, D/C iii) Buxar TPS- Karmnasa (New) 220 KV, D/C iv) Buxar TPS- Dehri 220 KV, D/C	2018-19	70.14	
	Configuration of Tx Line (S/C or D/C)	D/C	2019-20	354.25	
			2020-21	1131.20	
LAND POSSESSION	Total Land Required-1283 Acre;1058.335 Acre (for Main Plant), 147 acre (for Rail Corridor) and 78 acre (for Water Pipeline corridor & intake etc.) land under possession.		2021-22	2767.25	
WATER ALLOCATION	MoU for utilization of 55 cusec of water signed between STPL and Water Resource Deptt., Govt. of Bihar on 29.08.2016.		2022-23	2654.45	
MOEF CLEARANCE	Accorded by MOEF&CC on 28.02.2017.(Validity- 27.02.2024)		2023-24	1746.19	
CIVIL AVIATION CLEARANCE	Accorded by Airport Authority of India on 12.04.2017 (Fresh NOC issued on 18.11.2018). (Validity-17.11.2028)		2024-25	2105.89	
CPCB CLEARANCE	NOT APPLICABLE		EXPENDITURE OF JULY 2025	125.78	
SPCB CLEARANCE	“Consent to Establish” (NOC) granted by Bihar State Pollution Control Board on 03.09.2019.		2025-26	642.16	
FOREST CLEARANCE	NOT APPLICABLE		TOTAL EXPENDITURE (upto 31.07.2025)	11970.91	

BUXAR THERMAL POWER PROJECT, Unit# 1 & 2 (2x660 MW) / SJVN (CENTRAL SECTOR)**UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)**

Sl.	MILESTONE	UNIT-1		UNIT-2	
		Original Date	Actual / Anticipated Date	Original Date	Actual / Anticipated Date
1	COMPLETION OF BOILER FOUNDATION	JUL-20	01-MAY-21	NOV-20	28-OCT-21
2	START OF BOILER ERECTION	AUG-20	21-OCT-20	DEC-20	23-NOV-21
3	BOILER DRUM LIFTING (if sub-critical unit)	NA		NA	
4	BOILER CEILING GIRDER LIFTING COMPLETION	APR-21	31-JAN-22	AUG-21	30-NOV-22
5	CONDENSER ERECTION START	AUG-21	31-MAY-22	DEC-21	25-MAY-24
6	TG ERECTION START	SEP-21	21-SEP-22	JAN-22	24-APR-24
7	HP PIPING ERECTION START	OCT-21	02-MAY-22	FEB-22	30-MAY-24
8	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	APR-22	16-JUN-23	AUG-22	03-JAN-25
9	BOILER HYDRO TEST (DRAINABLE) COMPLETION	NA		NA	
10	TG BOX UP	AUG-22	30-DEC-23	DEC-22	AUG-25
11	HP PIPING ERECTION COMPLETION	JUL-22	13-DEC-24	NOV-22	AUG-25
12	START OF OIL FLUSHING	AUG-22	4-JAN-24	DEC-22	AUG-25
13	BOILER LIGHT UP	OCT-22	2 OCT-24	FEB-23	AUG-25
14	CHEMICAL CLEANING COMPLETION	OCT-22	18-NOV-24	FEB-23	AUG-25
15	STEAM BLOWING START	NOV-22	30-JAN-25	MAR-23	AUG-25
16	STEAM BLOWING COMPLETION	DEC-22	05-APR-25	APR-23	SEP-25
17	ROLLING & SYNC.	FEB-23	AUG-25	JUN-23	OCT-25
18	FULL LOAD	MAR-23	AUG-25	JUL-23	OCT-25
19	TRIAL RUN	MAY-23	SEPT-25	SEP-23	DEC-25
20	COD	JULY-23	OCT-25	JAN-24	JAN-26

STATUS OF MAIN PLANT PACKAGE (BTG) : M/s L&T

Sl.	Packages	AREA	UNIT-1	UNIT-2
			% Completion	% Completion
1	BOILER	CIVIL	100%	98.90%
		STRUCTURE	99.68%	95.74%
		PRESSURE PARTS	100%	99.37%
2	TG	CIVIL	100%	99.61%
		STRUCTURE	100%	99.97%
		TG ERECTION	99.78%	87.00%
3	ESP	UNDER PROGRESS	100%	91.95%
4	FGD	CIVIL WORK	90.58%	89.66%
		MATERIAL SUPPLY	99.25%	99.10%
		ERECTION WORK	65.70%	37.67%

STATUS OF BOPs

Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency (EPC- L&T)	Date of Award	Scheduled Date of Completion	Anticipated /Actual Date of Completion	UNIT-01	UNIT-02
						% Completion	% Completion
1	Chimney	L&T Limited (EPC)	22.JUN.19	28.JUN.23	12 AUG '24	100%	
2	Coal Handling Plant	L&T (Conveyor pkg)	22.JUN.19	19.NOV.22	AUG' 25	96%	
		L&T (Wagon tipler)	22.JUN.19	21.NOV.22	AUG' 25	95%	
		L&T/ Thyssenkrup (Stacker reclaimer)	22.JUN.19	23.OCT.22	AUG' 25	97%	
3	Ash Handling Plant	L&T/ Macawber Beekay Pvt Ltd	22.JUN.19	19.JUL.23	AUG' 25	93%	
4	Fuel Oil System	L&T/ Shalkoot Mechanique Pvt. Ltd	22.JUN.19	31.AUG.22	20 MAR'25	100%	
5	Cooling Towers	L&T/ Paharpur Cooling Towers Ltd	I-22.JUN.19 II-22.JUN.19	I-20.FEB.23 II-20.JUN.23	20 MAR'25 AUG' 25	100% 84.5%	
6	CW Pump house	L&T/ Xylem Water Solutions India Pvt Ltd	I-22.JUN.19 II-22.JUN.19	I-23.FEB.23 II-23.JUN.23	20 APR'25 JULY 25	100% 83.5%	
7	WPT Plant	L&T/ Driplex Water Engineering Pvt Ltd	I-22.JUN.19 II-22.JUN.19	I-05.APR.23 II-05.AUG.23	10 AUG'24 AUG' 25	100% 90%	
8	DM Plant	L&T/ Driplex Water Engineering Pvt Ltd	22.JUN.19	21.JUN.23	31 AUG'23	100%	
9	Compressed Air System	L&T / L&T-MHPS Boilers Pvt. Ltd	22.JUN.19	20.OCT.22	20 MAR'25	100%	
10	Fire Protection System	L&T/ Flowmore Limited	22.JUN.19	10.JUL.23	AUG' 25	96.55%	
11	Switch Yard	L&T/ ABB Power Products & Systems India Ltd	22.JUN.19	21.NOV.22	18 MAR'25	100%	
12	Station Transformers	L&T/ ABB Power Products & Systems India Ltd	I-22.JUN.19 II-22.JUN.19	I-22.APR.22 II-22.AUG.22	05 FEB'24 AUG' 25	100% 96%	
13	Unit Transformers	L&T/ ABB Power Products & Systems India Ltd	I-22.JUN.19 II-22.JUN.19	I-29.MAR.23 II-29.SEP.23	08 JUNE 24 AUG' 25	100% 79.5%	
14	Railway Siding	Phase-I-RITES Ltd. Phase-II- RVNL	13.JUN.19	31.OCT.22	24 APR'25 AUG' 25	100% 10%	
15	Power Evacuation Lines	BSPTCL, Govt. of Bihar	23.NOV.21	31.DEC.22	05 MAR'24	100%	

CRITICAL ISSUES

- (i) Land acquisition for Rail Corridor is still under progress effecting railway siding construction.
- (ii) Early resolution of cases pending at LARRA court.

REASONS OF DELAY

BTG :

Covid-19 Pandemic and subsequent lockdowns; Non-availability of industrial Oxygen cylinders due to Covid-19; State government restriction for transportation of aggregates, sand mining etc.; Agitation by locals on 10.01.2023 and unrest activity on 11.01.2023.

BoP:

Delayed acquisition of land for Water Corridor & Intake and Rail Corridor.; Covid-19 Pandemic and subsequent lockdowns. Non-availability of industrial Oxygen cylinders due to Covid-19; State government restriction for transportation of aggregates, sand mining etc.; Agitation by locals on 10.01.2023 and unrest activity on 11.01.2023.

KODERMA THERMAL POWER STATION, PH-II (2X800MW) / DVC-Central sector)**Distt.-KODERMA, JHARKHAND**

E-Gen Portal Registration No. (U#1 –1200003916, U#2 –1200003917)

Project Developer / Implementing Agency : DVC		Main Plant Vendor: M/s BHEL (EPC)	
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual Trial Run Date
Unit#1	14.11.2024	Aug-28	Aug-28
Unit#2		Dec-28	Dec-28

CLEARANCES AND STATIC DATA		FINANCIAL DATA (Fig. in Rs. Crore)	
FUEL TYPE	COAL (G-13)	ORIGINAL ESTIMATED COST OF THE PROJECT	14357.74 Cr
COAL COMBUSTION TECHNOLOGY	Ultra-supercritical	LATEST ESTIMATED COST	14357.74 Cr
APPROVAL DATE / NTP	1. 17.08.2022 : Go ahead clearance from MOP,GOI 2. 28.04.2023 : Investment approval from DVC Board	DATE OF FINANCIAL CLOSURE	06.09.2024
PPA	1. Vide MoP, GoI letter dt. 26.06.2023 allocation for Haryana is 300 MW. 2. Vide MoP, GoI letter dt. 17.10.2024 allocation for Gujarat is 200 MW & Karnataka is 300 MW	YEAR WISE EXPENDITURE	
COAL LINKAGE/FSA	13.07.2023 : Ministry of Power ,CEA & SLC(LT) recommended for grant of coal linkage to KTPS (2x 800 MW) under Shakti Policy, of G-13 grade and quantum of 8.58 MTPA .	2024-25	943.4
START UP POWER AGREEMENT	As per schedule Start- Up power is required in March,2027	EXPENDITURE OF JUL'2025	14.74
POWER EVACUATION SYSTEM	500 MW - own demand and ISTS grid will be 1100 MW. Ref- CTU/E/00/35th CMETS-ER dated 18.10.24	2025-26	173.30
LAND POSSESSION	KTPS Ph-II is a Brown field Project. Total land of 234.8 Hectare for KTPS Ph-II is already acquired & is under possession.	TOTAL EXPENDITURE (Upto 31.07.2025)	1,116.70
WATER ALLOCATION	Source -Tilaiya Dam , Quantity- 115200 KLD,		
MOEF CLEARANCE	Obtained on 07.12.2024		
CIVIL AVIATION CLEARANCE	Obtained from AAI on 26.07.2024		
CPCB CLEARANCE	Not applicable		
SPCB CLEARANCE	Action taken for Consent to Establish (CTE)		
FOREST CLEARANCE	Not applicable as KTPS Ph-II is a brown field project & land is already acquired.		

KODERMA THERMAL POWER STATION, PH-II (2X800 MW)/ DVC (CENTRAL SECTOR)

UNIT WISE MILESTONES (ANTICIPATED/ ACTUAL)						STATUS OF MAIN PLANT PACKAGE							
Sl.	Milestone	UNIT-1		UNIT-2		SI	PACKAGE	AREA		UNIT-1		UNIT-2	
		Original Date of Completion	Actual / Anticipated Date of Completion	Original Date of Completion	Actual / Anticipated Date of Completion								
1	Completion Of Boiler Foundation	Oct-25	Oct-25	Feb-26	Feb-26	1	BOILER	CIVIL		8%		3%	
2	Start Of Boiler Erection	Nov-25	Nov-25	Mar-26	Mar-26			STRUCTURE		0%		0%	
								PRESSURE PARTS		0%		0%	
						2	TG	CIVIL		3%		0%	
STRUCTURE		0%		0%									
TG ERECTION		0%		0%									
3	ESP					3	ESP	UNDER PROGRESS		5%		1%	
4	FGD					4	FGD	CIVIL WORK		0%		0%	
								MATERIAL SUPPLY		0%		0%	
								ERECTION WORK		0%		0%	
STATUS OF BOP PACKAGES													
Sl.	Packages/ Linked Project Milestones	Vendor/ Contracting Agency	Date of Award	Scheduled Date of Comp.	Ant/ Actual Date of Comp.						UNIT-1		UNIT-2
1	Chimney	BHEL is in process of tendering the packages	Nov-24	Jan-28	Jan-28						3%		3%
2	Coal Handling Plant										0%		0%
											0%		0%
											0%		0%
											0%		0%
3	Ash Handling Plant										0%		0%
4	Fuel Oil System										0%		0%
5	Cooling Towers			Nov-24	May-28	May-28					1%		2%
6	CW Pump house										0%		0%
7	WPT Plant										0%		0%
8	DM Plant										0%		0%
9	Compressed Air System										0%		0%
10	Fire Protection System										0%		0%
11	Switch Yard										0%		0%
12	Station Transformers										0%		0%
13	Unit Transformers										0%		0%
14	Railway Siding										0%		0%
15	Power Evacuation Lines									0%		0%	
1	Completion Of Boiler Foundation		Oct-25	Oct-25	Feb-26	Feb-26							
2	Start Of Boiler Erection		Nov-25	Nov-25	Mar-26	Mar-26							
3	Boiler Ceiling Girder Lifting Completion		May-26	May-26	Sep-26	Sep-26							
4	Condenser Erection Start		Nov-26	Nov-26	Jan-27	Jan-27							
5	TG Erection Start		Jan-27	Jan-27	Apr-27	Apr-27							
6	HP Piping Erection Start		Jan-27	Jan-27	Apr-27	Apr-27							
7	Boiler Hydro Test (Drainable) Completion		Sep-27	Sep-27	Jan-28	Jan-28							
8	Boiler Hydro Test (Non-Drainable) Completion		Feb-28	Feb28	Jun-28	Jun-28							
9	TG BOX UP		Nov-27	Nov-27	Mar-28	Mar-28							
10	HP Piping Erection Completion		Jan-28	Jan-28	Apr-28	Apr-28							
11	Start of Oil Flushing		Nov-27	Nov-27	Mar-28	Mar-28							
12	Boiler Light Up		Mar-28	Mar-28	Jul-28	Jul-28							
13	Chemical Cleaning Completion		Apr-28	Apr-28	Aug-28	Aug-28							
14	Steam Blowing Start		Apr-28	Apr-28	Aug-28	Aug-28							
15	Steam Blowing Completion		May-28	May-28	Sep-28	Sep-28							
16	Rolling & Sync.		Jul-28	Jul-28	Nov-28	Nov-28							
17	Full Load		Aug-28	Aug-28	Dec-28	Dec-28							
18	Trial Run		Aug-28	Aug-28	Dec-28	Dec-28							
19	COD		Sep-28	Sep-28	Jan’29	Jan’29							

CRITICAL AREAS

REASONS OF DELAY

Raghunathpur TPS, Ph-II, Unit#1 & 2 (2X660 MW) / DVC (CENTRAL SECTOR)

Raghunathpur, Distt.- Purulia, West Bengal

E-Gen Portal Registration No. (U#1 – 1200003913, U#2 – 1200003915)

Project Developer / Implementing Agency -DVC		Main Plant Vendor - M/S BHEL(BTG Pkg)	
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual Trial Run Date
Unit#1	19-02-2025	Dec-28	Dec-28
Unit#2		Apr-29	Apr-29

CLEARANCES AND STATIC DATA		FINANCIAL DATA (Fig. in Rs. Crore)	
FUEL TYPE	Coal, Pithead	ORIGINAL ESTIMATED COST OF THE PROJECT	17673
COAL COMBUSTION TECHNOLOGY	Supercritical	LATEST ESTIMATED COST	17673
APPROVAL DATE / NTP	30-01-2023 (Investment Approval)/ 19-02-2025 (NOA for Main Plant (BTG) Package issued to M/s L&T)	DATE OF FINANCIAL CLOSURE	25.08.2023
PPA	Vide MoP, GoI letter dt. 26.06.2023 allocation for Gujarat is 600MW & Haryana is 300 MW.	YEAR WISE EXPENDITURE	
		2012-13	201.37
		2013-14 to 2022-23	0
		2023-24	411.95
		2024-25	427.36
		Expenditure in JUL-25	6.97
		2025-26	143.03
		TOTAL EXPENDITURE (up to 31.07.25)	1,183.71
COAL LINKAGE/FSA	MoC, GoI, SLC-LT, meeting dated 08.08.2022, has recommended the grant of coal linkage under Para B (i) of SHAKTI Policy to Raghunathpur TPS Ph-II from Coal India Limited, E- Grade Coal, 6.60 MTPA.		
START UP POWER AGREEMENT	As per schedule Start- Up power is required in Dec,2027		
POWER EVACUATION SYSTEM	The power evacuation is proposed through two numbers of 400/220/132KV DVC Sub-stations envisaged for evacuation of Ph-II power of the project.		
LAND POSSESSION	Land is available and in possession.		
WATER ALLOCATION	Source: Panchet Dam; Quantity: 95,049 KLD		
MOEF CLEARANCE	EC No: EC23A0601WB5144917N Obtained on 26.02.2024		
CIVIL AVIATION CLEARANCE	NOC ID: BURN/EAST/B/122223/861633		
CPCB CLEARANCE	Not Applicable		
SPCB CLEARANCE	CTE No.: WBPCB/5546981/2024, Dated: 01.10.2024		
FOREST CLEARANCE	Not Applicable		

Raghunathpur TPS, Ph-II, Unit#1 & 2 (2X660 MW) / DVC (CENTRAL SECTOR)

UNIT WISE MILESTONES (ANTICIPATED/ ACTUAL)						STATUS OF MAIN PLANT PACKAGE (BTG) / (M/s L&T)							
Sl.	Milestone	UNIT-1		UNIT-2		SI	PACKAGE	AREA	UNIT-1		UNIT-2		
		Original Date of Completion	Actual / Anticipated Date of Completion	Original Date of Completion	Actual / Anticipated Date of Completion								
1	Completion Of Boiler Foundation	Feb-26	Feb-26	Jun-26	Jun-26	1	BOILER	CIVIL	3%	3%			
2	Start Of Boiler Erection	Feb-26	Feb-26	Jun-26	Jun-26			STRUCTURE	0%	0%			
3	Boiler Ceiling Girder Lifting Completion	Nov-26	Nov-26	Mar-27	Mar-27			PRESSURE PARTS	0%	0%			
4	Condenser Erection Start	Apr-27	Apr-27	Aug-27	Aug-27	2	TG	CIVIL	1%	1%			
5	TG Erection Start	Jun-27	Jun-27	Oct-27	Oct-27			STRUCTURE	0%	0%			
6	HP Piping Erection Start	Oct-26	Oct-26	Feb-27	Feb-27			TG ERECTION	0%	0%			
7	Boiler Hydro Test (Drainable) Completion	Dec-27	Dec-27	Apr-28	Apr-28	3	ESP	UNDER PROGRESS	2%	1%			
8	Boiler Hydro Test (Non-Drainable) Completion	Sep-28	Sep-28	Jan-29	Jan-29	4	FGD	CIVIL WORK	1%	1%			
9	TG BOX UP	Apr-28	Apr-28	Aug-28	Aug-28			MATERIAL SUPPLY	0%	0%			
10	HP Piping Erection Completion	Feb-28	Feb-28	Jun-28	Jun-28			ERECTION WORK	0%	0%			
11	Start Of Oil Flushing	Apr-28	Apr-28	Aug-28	Aug-28	STATUS OF BOPs							
12	Boiler Light Up	Oct-28	Oct-28	Feb-29	Feb-29	Sl.	Packages/ Linked Project Milestones	Vend or/Co ntract ing Agenc y (DPSI)	Date of Award	Sched uled Date of Comp .	Ant/ Actua l Date of Comp .	UNIT- 1	UNIT-2
13	Chemical Cleaning Completion	Jun-28	Jun-28	Oct-28	Oct-28	1	Chimney	BHEL	Feb-25	Feb-29	May-29	1%	1%
14	Steam Blowing Start	Jul-28	Jul-28	Nov-28	Nov-28	2	Coal Handling Plant	Thyssenkrupp	Feb-25	Feb-29	May-29	1%	1%
15	Steam Blowing Completion	Aug-28	Aug-28	Dec-28	Dec-28							0%	0%
16	Rolling & Sync.	Oct-28	Oct-28	Feb-29	Feb-29							0%	0%
17	Full Load	Nov-28	Nov-28	Mar-29	Mar-29	3	Ash Handling Plant	BHEL	Feb-25	Feb-29	May-29	1%	1%
18	Trial Run	Dec-28	Dec-28	Apr-29	Apr-29	4	Fuel Oil System	BHEL	Feb-25	Feb-29	May-29	1%	1%
19	COD	Jan-29	Jan-29	May-29	May-29	5	Cooling Towers	Paharpur	May-25	Jan-29	Jan-29	1%	0%
						6	CW Pump house	Thyssenkrupp	May-25	Jan-29	Jan-29	1%	1%
						7	WPT Plant	Gaja Engineering	May-25	Jan-29	Jan-29	0%	0%
						8	DM Plant		May-25	Jan-29	Jan-29	0%	0%
						9	Compressed Air System	BHEL	Feb-25	Feb-29	Jun-29	1%	
						10	Fire Protection System	Gaja Engineering	May-25	Jan-29	Jan-29	0%	0%
						11	Switch Yard	Thyssenkrupp	May-25	Jan-29	Jan-29	0%	0%
						12	Station Transformers	Thyssenkrupp	May-25	Jan-29	Jan-29	0%	0%
						13	Unit Transformers	Thyssenkrupp	May-25	Jan-29	Jan-29	0%	0%
						14	Railway Siding	To be awarded				0%	0%
						15	Power Evacuation Lines	To be awarded				0%	0%

CRITICAL AREAS

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REASONS OF DELAY

-

ENNORE SEZ STPP, Unit# 1 & 2 (2X660 MW) / TNPGL (STATE SECTOR)

Village-Voyalur, Minjur, Distt-Thiruvallur (Tamil Nadu)-601203

E-Gen Portal Registration No. (U#No - 1200001984, U#2 No - 1200001985)

Project Developer / Implementing Agency - TNPGL			Main Plant Vendor - M/s BHEL (EPC contract)		
Unit No.	LOA		Original Trial Run Date	Anticipated / Actual	Trial Run Date
Unit#1	Sep-2014		Jan-18	Sep-26	
Unit#2			Mar-18	Nov-26	
CLEARANCES AND STATIC DATA				FINANCIAL DATA (Fig. in Rs. Crore)	
FUEL TYPE	Coal, Indigenous & Imported		ORIGINAL ESTIMATED COST OF THE PROJECT		9800.00
COAL COMBUSTION TECHNOLOGY	Supercritical		LATEST ESTIMATED COST		19585.45
APPROVAL DATE / NTP	27.09.2014		DATE OF FINANCIAL CLOSURE		
EPC/BTG/BoP Contractor Details (Package Wise)	M/s BHEL (EPC), LoA: 27.09.2014		YEAR WISE EXPENDITURE		
PPA	State sector project. Hence entire 100% power from this project will be utilized by TAMILNADU				
COAL LINKAGE/FSA	Allocated Mine - Chandrabila Coal Block, Odisha; Distance from mine - 1300 km (non pithead); Total requirement is 5.95MTPA, comprising of indigenous 3.68 MTPA & imported 2.26 MTPA respectively MoU has already been signed between MMTC & TANGEDCO on 25.06.2012 for the supply of Import coal for this project. Bridge Linkage with SCCL available for indigenous coal.		2016-17		558.04
			2017-18		1261.67
			2018-19		2606.93
			2019-20		908.61
START UP POWER AGREEMENT	By TANGEDCO		2020-21		750.13
POWER EVACUATION SYSTEM	Tx Line Developer	TANGEDCO	2021-22		260.14
	Tx Line Name	Ennore SEZ SCTPP - North Chennai (765kV PS), 400 KV, D/C line	2022-23		410.67
	Tx Voltage Level		2023-24		2850.62
	Configuration of Tx. Line (S/C or D/C)		2024-25		1652.83
LAND POSSESSION	Acquisition of Land does not arise since own land of TNPGL (Out of 1100 acres available at Ash Dyke of NCTPS , only 500 Acresof ash dyke is utilized for the development of the subject project)		EXPENDITURE OF July'2025		144.73
			2025-26		474.68
WATER ALLOCATION	Supply of 4 MGD water from CMWSSB obtained. However desalination plant is envisaged in the project.		TOTAL EXPENDITURE (upto 31.07.2025)		11734.32
MOEF CLEARANCE	MOEF Letter No. J 13012 / 36/2010-1A.II (T) dt.07.01.2014. Validity extended upto 31.12.2023 as per MoEF Lr. Dt.09.04.2021		(Tripartite agreement between TANGEDCO, M/s BHEL (EPC contractor), PFC (Lender) signed on 21.11.2016 and Loan agreement between PFC and TANGEDCO signed on 18.01.2017.)		
CIVIL AVIATION CLEARANCE	Airport Authority has been addressed to issue NOC vide Letter No: Se/C/P&E/EE/EMC/AEE/C/F.ETPS-SEZTPP/D768 dt 17.4.2010. No Objection certificate issued by Airport Authority of India for the construction of chimney for the proposed Ennore SEZ TPP- 2X800 MW Project vide Lr.Ref:AAI/SR/NOC/dt 13.5.2010-validity 7years available. Validity extended upto 13.5.2022 vide their letter dt 19.5.2017.				
CPCB CLEARANCE	Not applicable				
SPCB CLEARANCE	Consent to establish under Air and water Acts issued by TNPCB vide order 2002229941522 Dt.26.11.2020 extended the validity upto 06.01.2021. Extension of validity upto 31.12.2023 is under process.				
FOREST CLEARANCE	Not applicable				

ENNORE SEZ STPP, Unit# 1 & 2 (2X660 MW) / TNPGL (STATE SECTOR)

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)					
Sl.	MILESTONE	UNIT-1		UNIT-2	
		Original Date	Actual / Anticipated Date	Original Date	Actual / Anticipated Date
1	COMPLETION OF BOILER FOUNDATION	Aug-15	14.09.17	Oct-15	07.06.18
2	START OF BOILER ERECTION	Aug-15	15.09.17	Oct-15	08.06.18
3	BOILER DRUM LIFTING (if sub-critical unit)	NA		NA	
4	BOILER CEILING GIRDER LIFTING COMPLETION	Jan-16	30.11.18	Mar-16	16.05.19
5	CONDENSER ERECTION START	Apr-17	Feb-24	Jun-17	20.06.22
6	TG ERECTION START	Jun-17	29-05-24	Aug-17	31.01.24
7	HP PIPING ERECTION START	Apr-16	16.09.21	Jun-16	16.11.21
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION	Dec-16	15.02.20	Feb-17	29.03.21
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	Apr-17	Mar-26	June-17	May26
10	TG BOX UP	Sep-17	Apr-26	Nov-17	Apr-.26
11	HP PIPING ERECTION COMPLETION	May-17	Mar-26	Jul-16	May-26
12	START OF OIL FLUSHING	Oct-17	Apr-26	Dec-17	Apr-26
13	BOILER LIGHT UP	May-17	Mar-26	Sep-17	May-26
14	CHEMICAL CLEANING COMPLETION	Jun-17	Apr-26	Aug-17	Jun-26
15	STEAM BLOWING START	Jun-17	Apr-26	Aug-17	Jun-26
16	STEAM BLOWING COMPLETION	Jul-17	May-26	Sep-17	Jul-26
17	ROLLING & SYNC.	Nov-17	Jul-26	Jan-18	Sep-26
18	FULL LOAD	Oct-17	Aug-26	Dec-17	Oct-26
19	TRIAL RUN	Nov-17	Sep'26	Jan-18	Nov'26
20	COD (TRIAL RUN)	Jan-18	Sep'26	Mar-18	Nov'26

STATUS OF MAIN PLANT PACKAGE (BTG) : M/S BHEL							
Sl.	Packages	AREA	UNIT-1		UNIT-2		
			% Completion	% Completion			
1	BOILER	CIVIL	100.00%	90.00%			
		STRUCTURE	99.42%	94.77%			
		PRESSURE PARTS	99.42%	94.77%			
2	TG	CIVIL	100%	98.61%			
		STRUCTURE	100%	98.61%			
		TG ERECTION	Erection started - 31.01.24	Erection started - 31.01.24			
3	ESP	UNDER PROGRESS	79.51%	73.52%			
4	FGD	CIVIL WORK	Specification under finalization.				
		MATERIAL SUPPLY					
		ERECTION WORK					
STATUS OF BOPs (BHEL-EPC)							
Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency (EPC- BHEL)	Date of Award	Scheduled Date of Completion	Anticipated/ Actual Date of Completion	UNIT-1 % Completion	UNIT-2 % Completion
1	Chimney	M/s Simplex	30.01.17	28.03.17	Nov'25	100%	95%
2	Coal Handling Plant	Contractor for erection M/s Promac	09.02.17	27.10.17	Mar'26	100 % (Civil), 54.39% (Mech)	
		M/s.Bevcon (Conveyor package supply), M/s.FLSIDTH- Pipe	18.03.17	27.10.17	Mar'26	Civil;- 73.09%, Mech.- 24.38%	
		M/s.Promac : Stacker Reclaimer supply, M/s.Elecon : Vibrating	09.02.17	27.10.17	Mar'26	100 %	
3	Ash Handling Plant	M/s.Indure (for supply and erection for mechanical packages) , M/s.Turbo Engineers for Sluury disposal pipes supply M/s.Weir for Slurry pumps supply, M/s.Atlas Copco& M/s.Ingersoll for Compressor supply M/s.Suraj	14.09.17	27.10.17	Dec'25	63% (civil)	
4	Fuel Oil System	M/s.New Fire Engineers Pvt Ltd.	13.06.17	30.03.17	Oct'25	76%	
5	Cooling Towers	M/s.Simplex (Design – Paharpur)	30.01.17	29.04.17	Sep'25 (U-1) Nov'25 (U-2)	92%	86%
6	CW Pump house	CW Pump House - M/s Cornerstone (De- scoped from M/s Simplex),CW Piping: BHEL / M/s Vijay Gowtham- (De-scoped from M/s.Simplex)	27.12.19	29.04.22	Dec'25	63%	
7	WPT Plant	M/s.Otoklin Global business services for supply and erection	18.01.18	30.03.17	Dec'25	76%	
8	DM Plant	M/s Cornerstone (De-scoped from M/s.Simplex)	27.09.14	30.03.17	Sep'25	75%	
9	Compressed Air System	M/s.ELGI Equipments Ltd.	27.11.17	30.03.17	Dec'25	99.13%	
10	Fire Protection System	BHEL- PE&SD	July,18	30.03.17	Sep'25	48.26%(Civil works)	
11	Switch Yard	BHEL-TBG (Awarded to Sakthi Kanna Construction Ltd & M/s.Vijay Gowtham- De-scoped from M/s.Simplex)	27.09.14	30.03.17	Sep'25	98.20% (civil)	
12	Station Transformers	M/s Cornerstone	19.11.19	30.03.17	Sep,25	92.66% (civil)	
13	Unit Transformers	M/s Cornerstone	19.11.19	30.08.17	Sep,25		
14	Railway Siding	NA	NA	NA	NA	NA	NA
15	Power Evacuation Lines	TANGEDCO Ennore SEZ SCTPP- North Chennai(765 KV PS), 400 KV, D/C line			Mar-26	Power will be evacuated through DC 400 KV L, i.e. 2 nos 400 KV lines to 765 KV pooling station and 2 nos 400 KV lines to ETPS – work under progress.	

CRITICAL ISSUES

- Readiness of Pipe Conveyor route. (water & Coal route)
- Readiness of NDCT-II, APH, CCR, CHP and AHP.
- Inadequate manpower.

REASONS OF DELAY.

- Zero date is 27.09.2014, Works commenced at Site on 09.10.2016. Project works temporarily suspended from 07.09.2015 to 18.10. 2016 due to litigation. Original completion schedule is March 2018. Work resumed at Site from 19.10.2016. Completion schedule re-fixed to 06.05.2019 (without levy of LD & penalty) due to time loss of 407 day due to court case. Time extension granted from 06.05.2019 to upto 31.08.2020 for U#1 and 31.10.2020 for Unit 2 without prejudice to levy of LD & Penalty clauses.
- Entire project civil works were awarded to M/s. Simplex. Wherever slow progress of work noticed, BHEL has de scoped the certain works from M/s. Simplex based on TANGEDCO's request, but still the progress is very poor from M/s. Simplex.
- Project activities became slow since 24th March 2020 due to lock down enforced by GOI in view of COVID-19 outbreak. Permission accorded by Distt Collector (Thiruvallur) for resumption of work at site with only 600 manpower on 25.04.2020.Work resumed by BHEL from 18.05.2020. Slow civil progress due to inadequate manpower. BHEL yet to increase manpower at site to speed up the work progress.

NORTH CHENNAI STPP, St - III, Unit# 6 (1X800 MW) / TNPGL (STATE SECTOR)

Athipattu village, Ponneri Tk, Distt.-Thiruvallur, Chennai (T.N.) - 600 120.

E-Gen Portal Registration No. (U#6 - 1200002174)

Project Developer / Implementing Agency - TNPGL			Main Plant Vendor(BTG) - M/s BHEL	
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual	Trial Run Date
Unit#6	Jan-2016	Apr-2019		Sep-2025
CLEARANCES AND STATIC DATA			FINANCIAL DATA (Fig. in Rs. Crore)	
FUEL TYPE	Coal, Indigenous & Imported(MMTC)		ORIGINAL ESTIMATED COST OF THE PROJECT	6376.00
COAL COMBUSTION TECHNOLOGY	Super critical		LATEST ESTIMATED COST	11158.00
APPROVAL DATE / NTP	BTG : SE/E/T & H (P)/ OT No. 02/2015-16 ; BOP : SE/E/T & H (P) OT No.04/2015-16		DATE OF FINANCIAL CLOSURE	28.1.2017
EPC/BTG/BoP Contractor Details (Package Wise)	BTG contractor-BHEL(LoA: 29.01.2016), BOP contractor-M/s BGR(LoA: 28.10.2016)		YEAR WISE EXPENDITURE	
PPA	NOT APPLICABLE. State sector project.		2012-13	0.21
COAL LINKAGE/FSA	Allocated Mine - SCCL; Distance from mine - 606 km (non pithead);. Ministry of Coal recommended for longterm coal linkage for 1.971 MTPA Indigenous coal to SCCL. FSA Executed between TANGEDCO and SCCL for indigenous coal. MoU has been entered with M/s. MMTC for supply of Imported coal of 1.450 MTPA on 25.05.2015.		2013-14	0.40
			2014-15	0.13
			2015-16	0.25
START UP POWER AGREEMENT	Start up Power Arrangement is through 220 KV level by LILO of NCTPS-1 to Ennore Feeder. Station Transformer was charged on 05.09.2020.		2016-17	198.08
POWER EVACUATION SYSTEM	Tx Line Developer	TANTRANSCO	2017-18	929.75
	Tx Line Name Tx Voltage Level	NCTPS St-III -North Chennai (PS), 765 KV, D/C line	2018-19	2243.53
	Configuration of Tx Line (S/C or D/C)		2019-20	2090.63
LAND POSSESSION	The proposed site is within the existing NCTPS complex and land is already under possession of TANGEDCO.		2020-21	928.95
WATER ALLOCATION	The raw water requirement for this project will be met from existing cooling water fore-bay of NCTPS, Stage-II. The make-up water for cooling water, boiler make up and other sweet water requirements are to be met from desalination plant under construction for this project. Construction water from M/s. CMWSSB available to the contractor from 07.01.2017.		2021-22	760.29
			2022-23	694.14
			2023-24	944.74
MOEF CLEARANCE	Environmental clearance issued by MoEF on 20.01.2016 valid for a period of seven years.		2024-25	840.99
CIVIL AVIATION CLEARANCE	Chimney constructed for full height and the same was informed to Airports Authority of India.		EXPENDITURE OF July'2025	75.22
CPCB CLEARANCE	NOT APPLICABLE. State sector project.		2025-26	533.15
SPCB CLEARANCE	Approval has been obtained on 13.04.2017.		TOTAL EXPENDITURE (upto 31.07.2025)	10165.244
FOREST CLEARANCE	Not applicable, since the site is not coming under Forest area.		(In-principal approval for financial assistance of Rs.5006.992 crores with Debt: Equity ratio of 80:20 for setting up of 1 x 800 MW Supercritical Thermal Power Plant in Tiruvallur District of Tamil Nadu has been received from M/s. REC on 05.08.2016. Loan has been sanctioned on 22.11.2016. Loan Agreement was signed on 28.01.2017.)	

NORTH CHENNAI STPP, St - III, Unit# 6 (1X800 MW) / TNGENCO (STATE SECTOR)

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)			
Sl.	MILESTONE	UNIT-6	
		Original Date of Completion	Anticipated / Actual Date of Completion
1	COMPLETION OF BOILER FOUNDATION	Oct-16	14.06.18
2	START OF BOILER ERECTION	Nov-16	30.08.17
3	BOILER DRUM LIFTING (if sub-critical unit)	NA	NA
4	BOILER CEILING GIRDER LIFTING COMPLETION	May-17	31.07.18
5	CONDENSER ERECTION START	Aug-17	02.01.19
6	TG ERECTION START	Oct-17	25.02.19
7	HP PIPING ERECTION START	Oct-17	25.03.18
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION	Feb-18	31.12.19
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	Sep-18	07.12.22
10	TG BOX UP	Nov-18	Aug-23
11	HP PIPING ERECTION COMPLETION	Apr-19	30.11.22
14	START OF OILFLUSHING	Nov-18	03.11.20
12	BOILER LIGHT UP	Oct-18	May-23
13	CHEMICAL CLEANING COMPLETION	Feb-19	22-06-23
15	STEAM BLOWING START	Dec-18	23-09-23
16	STEAM BLOWING COMPLETION	Jan-19	24-11-23
17	ROLLING & SYNC.	Feb-19	14-01-24
18	FULL LOAD	Mar-19	27-06-24
19	TRIAL RUN	Apr-19	Sep-25
20	COD	Jul-19	Sep-25

STATUS OF MAIN PLANT PACKAGE (BTG-BHEL)						
Sl.	Packages	AREA	UNIT-6			
			% Completion			
1	BOILER	CIVIL	100%			
		STRUCTURE	100%			
		PRESSURE PARTS	100%			
2	TG	CIVIL	100%			
		STRUCTURE	100%			
		TG ERECTION	100%			
3	ESP	UNDER PROGRESS	100%			
4	FGD	CIVIL WORK	M/s BHEL – FGD Civil Piping and Pipe cap works are in progress.			
		MATERIAL SUPPLY				
		ERECTION WORK				
STATUS OF BOPs - BGRESL/Chennai						
Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency	Date of Award	Scheduled Date of Completion	Anticipated /Actual Date of Completion	UNIT-06
						% Completion
1	Chimney	M/s. BGR ESL	10.03.17	25.06.19	15.01.2024	100%
2	Coal Handling Plant		21.07.17	25.07.19	30.06.2026	93%
3	Ash Handling Plant		25.11.17	28.07.19	30.11.2026	90%
4	Fuel Oil System		27.07.17	28.06.19	15.03.2024	100%
5	Cooling Towers		16.05.17	21.09.19	30.08.2025	93%
6	CW Pump house		09.01.18	28.05.19	30.08.2025	97%
7	WPT Plant		16.06.17	17.05.19	30.08.2025	95%
8	DM Plant		06.10.17	28.05.19	30.08.2025	95%
9	Compressed Air System		10.12.17	28.08.19	31.01.2022	100%
10	Fire Protection System		01.07.17	14.05.19	30.08.2025	91%
11	Switch Yard		19.08.17	26.10.19	05.04.2024	100%
12	Station Transformers	BHEL	24.07.18	28.04.19	05.09.2020	100%
13	Unit Transformers	BHEL	06.03.18	27.02.19	31.01.2023	100%
14	Railway Siding	NA	NA	NA	NA	NA
15	Power Evacuation Lines	TANTRANSCO, NCTPS St-III -North Chennai (PS), 765 KV, D/C line.	12.01.18	11.11.19	Nov-2023	100%

CRITICAL ISSUES

- Unit is not able to achieve full load on coal firing alone due to Poor quality of coal.
- The FGD works are under Progress. The Secretary, MoEF CC /GOI has been requested for permitting COD of unit barring FGD.

REASONS OF DELAY

Due to COVID Lock down in 2020 & 2021 and non-availability of Industrial Oxygen in 2020 & 21, Delay in CW pipe line readiness.

UDANGUDI STPP, St-I, Unit# 1 & 2 (2x660 MW) / TNPGL (STATE SECTOR)

Distt.- Thoothukudi, Tamil Nadu

E-Gen Portal Registration No. (. Unit-1: 1200002175, Unit -2: 1200002176)

Project Developer / Implementing Agency – TNP GCL			Main Plant Vendor – M/s BHEL (EPC contract)	
Unit No.	LOA		Original Trial Run Date	Anticipated / Actual Trial Run Date
Unit#1	Dec-2017		Jan-2021	Sep-2025
Unit#2 <th>Mar-2021</th> <th>Dec–2025</th>			Mar-2021	Dec–2025
CLEARANCES AND STATIC DATA			FINANCIAL DATA (Fig. in Rs. Crore)	
FUEL TYPE	Coal, Indigenous & Imported (Indonesia)		ORIGINAL ESTIMATED COST OF THE PROJECT	13076.71
COAL COMBUSTION TECHNOLOGY	Supercritical		LATEST ESTIMATED COST	15076.71
APPROVAL DATE / NTP	BGT-SE/E/T & H(P)/OT No. 01/ 2015-16. BOP-SE/E/T&H(P)/OT.No.1/2020-21. SWIOP-SE/C/TP/OT.NO.2/2016-17.		DATE OF FINANCIAL CLOSURE	Financial tie up with M/s. PFC
EPC/BTG/BoP Contractor Details (Package Wise)	Awarded to BHEL as EPC contractor on 07.12.2017		YEAR WISE EXPENDITURE	
PPA	NOT APPLICABLE. State sector project.		2017-18	127.02
COAL LINKAGE/FSA	Allocated Mine – Chandrabila Coal Block for indigenous coal of G13 Grade for 3.647 MTPA and MDO selection is under process. Distance from mine (appx) : Railway distance for movement of coal through Rail-cum-Sea route via Paradip port is 200 km.(Chandrabila to Paradip port), from Paradip port to Udangudi captive Port, sea distance is 1224 Nautical Miles. Total requirement is 5.893 MTPA with Indigenous coal of 3.647 MTPA and import coal of 2.246 MTPA. Import coal (2.246 MTPA) will be procured to the requirements. Bridge Linkage with SCCL available for indigenous coal		2018-19	359.31
START UP POWER AGREEMENT	230/11 KV Karaigudi Feeder		2019-20	699.30
			2020-21	1899.52
			2021-22	1827.38
			2022-23	3009.66
			2023-24	2028.91
			2024-25	2544.684
			EXPENDITURE OF July’2025	60.845
LAND POSSESSION	Land required for the project is under TNGENCO Possession. EPC Contracts awarded to M/s. BHEL & M/S L&T has been suspended as per the NGT(SZ), Chennai Judgment dated 17.03.2021, delivered on Appeal No. 144 of 2016(SZ) filed in the designated court for a period of six months or until further orders.		2025-26	402.46
			TOTAL EXPENDITURE (upto 31.07.2025)	12898.25
WATER ALLOCATION	Tamil Nadu Maritime Board has issued NOC for construction of Jetty for drawl and discharge of cooling water, vide 27.4.2015.			
MOEF CLEARANCE	Ministry of Environment and Forest has accorded clearance for the above Project on 18.05.2016.			
CIVIL AVIATION CLEARANCE	Clearance expired on 21.11.2019. Clearance further extended up to 21.11.2024.			
CPCB CLEARANCE	NOT APPLICABLE. State sector project.			
SPCB CLEARANCE	CRZ committee of MOEF recommended the Project on 28.1.16 and MOM published in web site on 8.2.2016.			
FOREST CLEARANCE	NOT APPLICABLE			

UDANGUDI STPP, St-I, Unit# 1 & 2 (2x660 MW) / TNPGL (STATE SECTOR)

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)					
Sl.	MILESTONE	UNIT-1		UNIT-2	
		Original Date	Actual / Anticipated Date	Original Date	Actual / Anticipated Date
1	COMPLETION OF BOILER FOUNDATION	Sep-18	10.04.21	Nov-18	21.04.21
2	START OF BOILER ERECTION	Sep-18	20.09.19	Nov-18	16.09.19
3	BOILER DRUM LIFTING (if sub-critical unit)	-	-	-	-
4	BOILER CEILING GIRDER LIFTING COMPLETION	Feb-19	26.06.21	Apr-19	18.06.21
5	CONDENSER ERECTION START	Aug-19	28.12.22	Oct-19	01.04.23
6	TG ERECTION START	Sep-19	01.02.23	Nov-19	30.03.23
7	HP PIPING ERECTION START	Oct-19	16.04.23	Oct-19	15.05.23
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION	Feb-20	15.12.22	Apr-20	20.12.22
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	Jul-20	09.08.24	Sep-20	28.02.25
10	TG BOX UP	Jul-20	14.08.24	Sep-20	Sep'25
11	HP PIPING ERECTION COMPLETION	Aug-20	31.08.24	Oct-20	Aug'25
12	START OF OILFLUSHING	Jul-20	20.08.24	Sep-20	Sep'25
13	BOILER LIGHT UP	Jul-20	20.10.24	Sep-20	Aug'25
14	CHEMICAL CLEANING COMPLETION	Jul-20	21.01.25	Sep-20	Sep'25
15	STEAM BLOWING START	Aug-20	30.04.25	Nov-20	Sep'25
16	STEAM BLOWING COMPLETION	Sep-20	04-06-25	Nov-20	Oct'25
17	ROLLING & SYNC.	Nov-20	Aug'25	Jan-21	Nov'25
18	FULL LOAD	Dec-20	Sep'25	Feb-21	Nov'25
19	TRIAL RUN	Jan-21	Sep-25	Mar-21	Dec-25
20	COD	Frb-21	Sep-25	Apr-21	Dec-25

STATUS OF MAIN PLANT PACKAGE (BTG) : M/s BHEL							
Sl.	Packages	AREA	UNIT-1		UNIT-2		
			% Completion	% Completion			
1	BOILER	CIVIL	97.91%	98.10%			
		STRUCTURE	97.65%	97.78%			
		PRESSURE PARTS	99.97%	99.67%			
2	TG	CIVIL	100%	100%			
		STRUCTURE	93.96%	99.58%			
		TG ERECTION	96.69%	62.80%			
3	ESP	UNDER PROGRESS	97.31%	97.47%			
4	FGD	CIVIL WORK	Work yet to be awarded				
		MATERIAL SUPPLY					
		ERECTION WORK					
STATUS OF BOPs (BHEL-EPC)							
Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency (EPC- BHEL)	Date of Award	Scheduled Date of Completion	Anticipated /Actual Date of Completion	UNIT-1 % Completion	UNIT-2 % Completion
1	Chimney	M/s.BHEL/ M/s Bygging- Civil Structural Erection	08.10.18	26.10.19 03.12.20	20.03.24 31.05.24	100%	100%
2	Coal Handling Plant	M/s. BHEL/ M/s Kanwar/ M/s Priya- Civil	01.03.22	25.06.20	Aug-25	98.97%	
		M/s. BHEL/ M/s.RPP /URC	15.07.19	25.06.20	Aug-25	95.70%	
		Structural Erection					
		M/s. BHEL/IGG	09.05.19	-	Sep-25	76.95%	
3	Ash Handling Plant	M/s.BHEL/ RPP/Srinic- Civil M/s.BHEL/ M/s.RPP/URC- Structural Erection M/s. BHEL Mechanical Equipment	11.05.20 15.07.19 15.03.19	25.06.20 25.06.20 30.11.20	Aug-25 Aug-25 Sep-25	98.66% 93.16% 83.47%	
4	Fuel Oil System	M/s.BHEL/ M/s.RPP Civil	25.07.19	22.01.20	Apr-25	100%	
5	Cooling Towers	M/s.BHEL/ M/s.Gammon	16.12.2019	22.10.20	Aug-25 Aug-25	97.89%	84.55%
6	CW Pump house	M/s.BHEL/ M/s.B&B; M/s.BHEL/ M/s.Akash Techno	04.06.19	17.01.20	Aug-25	95.47%	
7	WPT Plant	M/s.BHEL/ M/s.B&B	04.06.19	07.02.20	Aug-25	98.69%	
8	DM Plant	M/s.BHEL/ M/s.RPP	25.07.19	12.10.19	Aug-25	89.25%	
9	Compressed Air System	M/s.BHEL / M/s.Power Mech	07.01.22	01.11.20	Aug-25	98.5%	
10	Fire Protection System	M/s. BHEL	-	22.10.20	Aug-25	55.67%	
11	Switch Yard	M/s. BHEL/ M/s. RB Electrical	25.06.21	23.05.19	29.02.24	100%	
12	Station Transformers	M/s.BHEL / M/s Power Mech	30.12.21	15.06.20	Sep-25	93.50%	
13	Generator Transformers						
14	Unit Transformers						
15	Railway Siding	NA	NA	NA	NA	NA	
16	Power Evacuation Lines	Udangudi STPP – Ottapidaram, 400 KV, D/C line (BHEL/L&T)	27.01.20	11.10.20	29.02.24	100%	

CRITICAL ISSUES

- Delay in readiness of CW pumps, NDCTs, flue gas ducting.
- Delay in readiness of AHP, CHP(Crusher house, S/R)
- FGD work is yet to be awarded.(by TNPGL)
- Inadequate manpower deployment at site.

REASONS OF DELAY

COVID 19, Labor shortage / Vendor Mobilization delay by Contractor, Fishermen issue at Coal Jetty

YADADRI TPS, Unit# 1, 2, 3, 4 & 5 (5x800 MW) / TGGENCO (STATE SECTOR)

Veerlapalem village, Damercharla Mandal, Nalgonda, Telangana -508208

E-Gen Portal Registration No. (U#1-1200001092; U#2-1200001093; U#3-1200001094; U#4-1200001095; U#5-1200001096)

Project Developer / Implementing Agency - TGGENCO			Main Plant Vendor - BHEL (EPC contract)		
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual	COD Date	
Unit#1	Oct-2017	Oct-2021	12.07.2025(Commissioned)		
Unit#2		Oct-2021	25.01.2025(Commissioned)		
Unit#3		Apr-2023	Dec-2025		
Unit#4		May-2023	Oct-2025		
Unit#5		Jun-2023	Mar-2026		
CLEARANCES AND STATIC DATA			FINANCIAL DATA (Fig. in Rs. Crore)		
FUEL TYPE	Coal, Indigenous		ORIGINAL ESTIMATED COST OF THE PROJECT		29965.00
COAL COMBUSTION TECHNOLOGY	Supercritical		LATEST ESTIMATED COST		36131.99
APPROVAL DATE / NTP	04.10.2014 (MoU entered with BHEL)		DATE OF FINANCIAL CLOSURE		*
EPC/BTG/BoP Contractor Details (Package Wise)	LOI was issued to M/s BHEL as EPC contractor (BTG & BOP) on 01.06.2015 . Revised LOI issued on Dt:17.10.2017 for considering new norms & impact of GST with zero date as 17.10.2017.		YEAR WISE EXPENDITURE		
PPA	Power purchase Agreement entered on 11.03.2020 with TGDISCOMS		2014-15		
COAL LINKAGE/FSA	Allocated Mine - SCCL; Distance from mine - 270 km (non pithead); Ministry of Coal vide File No.23014/1/2018-CLD, Dt:15-02-2018 has granted coal linkage from SCCL for supply of 14 MTPA of coal (grade-G9).		2015-16		498.18
			2016-17		59.14
START UP POWER AGREEMENT	As per clause no.2.2 of PPA , TGDISCOMS shall provide electrical energy to TGGENCO for construction, start up and maintenance, alsofor commissioning of the project.		2017-18		939.02
			2018-19		2741.25
POWER EVACUATION SYSTEM	Tx Line Developer	TSTRANSCO	2019-20		3867.68
	Tx Line Name	i) YTPS –Dindi, 400 KV, D/C line; ii) YTPS-Choutuppal,400 KV, D/C line; iii) YTPS-Damarcherla, 400 KV, D/C line; iv) YTPS-Janagaon, 400 KV, D/C line.	2020-21		3336.56
	Tx Voltage Level		2021-22		4134.23
	Configuration of Tx Line (S/C or D/C)		2022-23		5265.85
LAND POSSESSION	(Details about land area still to be acquired). Ac.5459.39 Gts		2023-24		5351.93
WATER ALLOCATION	Water Source from river Krishna Qty- 208cuses(i.e.6.60 TMC per year) allotted vide G.O.Ms.No.13, Dt:30.01.2015		2024-25		3790.52
			EXPENDITURE OF Jul’2025		269.35
MOEF CLEARANCE	EC obtained from MoEF&CC vide Lr.No.J-13012/18/2015-IA.I(T), Dt.29- 06-2017 with a validity of 7 years from the date of issue of MoEF clearance(i.e upto 29.06.2024)		2025-26		1527.45
CIVIL AVIATION CLEARANCE	1.NOCID:NADI/SOUTH/B/071216/149982,Dt:26.07.2016. 2.NOCID:NADI/SOUTH/B/071216/149984,Dt:26.07.2016. 3.NOCID:NADI/SOUTH/B/071216/149988,Dt:26.07.2016.		TOTAL EXPENDITURE (upto 31.07.2025)		31512.00
CPCB CLEARANCE	Not Applicable		* M/s REC Ltd vide Lr dt 11-08-2015. M/s PFC Ltd vide Lr dt 19-07-2015		
SPCB CLEARANCE	Consent for Establishment (CFE) received from TSPCB vide Order No.10/TSPCB/CFE/RO-NLG/HO/2017, Dt.25-07-2017.				
FOREST CLEARANCE	Approval was accorded by Central Govt. Ministry of Environment, Forest, Climate Change, MoEF &CC, GOI, FC Section, New Delhi for diversion of forest land to an extent of 1892.35 hectares vide lr.no.F.No.8.07/2015-FC dt.07-07-2015 Subsequent G.O. was issued by Govt. of Telangana vide G.O.Ms.No.38,dt.30-07-2015 by EFS & T (For) Department.				

YADADRI TPS, Unit# 1, 2, 3, 4 & 5 (5x800 MW) / TGENCO (STATE SECTOR)

STATUS OF BTG WORKS

Sl.	Packages	AREA	UNIT-1	UNIT-2	UNIT-3	UNIT-4	UNIT-5
			% Completion	% Completion	% Completion	% Completion	% Completion
1	BOILER	CIVIL	100.00%	100.00%	100.00%	100.00%	100.00%
		STRUCTURE	94.79%	98.11%	90.06%	96.21%	93.18%
		PRESSURE PARTS	100.00%	100.00%	100.00%	100%	100%
2	TG	CIVIL	99.00%	99.00%	98.00%	98.00%	97.00%
		STRUCTURE	99.19%	98.97%	99.25%	94.01%	92.55%
		TG ERECTION	99.00%	100.00%	87.50%	92.50%	75.00%
3	ESP	UNDER PROGRESS	100.00%	100.00%	99.72%	99.96%	94.63%
4	FGD	CIVIL WORK	78.00%	78.00%	78.00%	78.00%	78.00%
		MATERIAL SUPPLY	80.00%	80.00%	80.00%	80.00%	80.00%
		ERECTION WORK	15%	15%	15%	15%	15%

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)

Sl.	MILESTONE	UNIT-1		UNIT-2		UNIT-3		UNIT-4		UNIT-5	
		Original Date	Actual / Anticipated Date	Original Date	Actual / Anticipated Date	Original Date	Actual / Anticipated Date	Original Date	Actual / Anticipated Date	Original Date	Actual / Anticipated Date
1	COMPLETION OF BOILER FOUNDATION	Jan-20	08.01.20	Dec-19	29.12.19	Feb-20	11.02.20	Feb-20	16.02.20	Mar-20	23.03.20
2	START OF BOILER ERECTION	Feb-20	18.02.20	Jul-20	30.07.20	Mar-20	18.03.20	Jul-20	30.07.20	Aug-20	14.08.20
3	BOILER DRUM LIFTING (if sub-critical unit)	NA		NA		NA		NA		NA	
4	BOILER CEILING GIRDER LIFTING COMPLETION	Jan-21	20.03.21	Mar-21	31.03.21	Apr-21	11.04.21	Jun-21	09.06.21	Sep-21	07.09.21
5	CONDENSER ERECTION START	Mar-21	20.10.21	May-21	03.01.22	May-21	20.11.22	Jul-21	24.10.22	Oct-21	09.10.22
6	TG ERECTION START	May-21	20.12.21	Jun-21	31.01.22	Aug-21	21.12.22	Oct-21	25.10.22	Nov-21	20.10.22
7	HP PIPING ERECTION START	Apr-21	16.09.21	May-21	01.01.22	Jun-21	15.07.22	Jul-21	31.07.22	Aug-21	31.07.22
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION	Jan-22	31.07.22	Mar-22	21.06.22	May-22	26.05.23	Jul-22	15.09.22	Sep-22	26.05.23
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	Jul-22	15.03.23	Sep-22	15.02.23	Nov-22	01.08.23	Jan-23	10.07.23	Mar-23	15.08.23
10	TG BOX UP	May-22	30.03.23	Jul-22	05.02.23	Aug-22	31.03.25	Oct-22	15.03.24	Nov-22	Aug-25
11	HP PIPING ERECTION COMPLETION	Oct-22	31.03.24	Nov-22	28.02.24	Dec-22	Sep-25	Jan-23	03.07.25	Feb-23	Aug-25
12	START OF OIL FLUSHING	Apr-22	09.06.23	May-22	23.03.23	Jul-22	Aug-25	Sep-22	06.01.25	Oct-22	Sep-25
13	BOILER LIGHT UP	Jul-22	14.05.24	Sep-22	14.05.24	Nov-22	19.02.25	Jan-23	15.11.24	Mar-23	Aug-25
14	CHEMICAL CLEANING COMPLETION	Sep-22	22.06.24	Sep-22	31.05.24	Oct-22	07.03.25	Nov-22	02.01.25	Dec-22	Aug-25
15	STEAM BLOWING START	Sep-22	20.07.24	Oct-22	12.06.24	Nov-22	21.07.25	Dec-22	07.05.25	Jan-23	Oct-25
16	STEAM BLOWING COMPLETION	Oct-22	25.09.24	Nov-22	25.07.24	Dec-22	Sep-25	Jan-23	12.07.25	Feb-23	Nov-25
17	ROLLING & SYNC.	Oct-22	03.11.24	Dec-22	12.09.24	Jan-23	Sep-25	Mar-23	Aug-25	May-23	Dec-25
18	FULL LOAD	Feb-23	12.03.25	Mar-23	12.01.25	Apr-23	Sep-25	May-23	Sep-25	Jun-23	Jan-26
19	TRIAL RUN	Feb-23	12.07.25	Mar-23	25-01-25	Apr-23	Dec-25	May-23	Oct-25	Jun-23	Mar-26
20	COD	Feb-23	Jul-25	Mar-23	08-03-25	Apr-23	Jan-26	May-23	Oct-25	Jun-23	Mar-26

YADADRI TPS, Unit# 1, 2, 3, 4 & 5 (5x800 MW) / TGGENCO (STATE SECTOR)**STATUS OF BOPs**

Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency	Date of Award	Scheduled Date of Completion	Anticipated/Actual Date of Completion	UNIT-1	UNIT-2	UNIT-3	UNIT-4	UNIT-5
						% Completion	% Completion	% Completion	% Completion	% Completion
1	Chimney	Bygging India Ltd for Unit #1&2;Paharpur for Unit #3&4; ByggingIndia Ltdfor Unit #5	03.02.20 24.02.20 12.02.20	31.07.22	30.12.23	Shell Concreting-100%		Shell Concreting-100%		SC-100%
						Flue can Erection 100%		Flue can Erection 100%		FCE-100%
2	Coal Handling Plant	Powermech (Conveyor package)	09.08.20	31.12.22	Aug-25	Civil & Mech - 95.03%				
		Powermech (Wagon tripler)	10.12.20	30.06.23	Aug-25	Civil & Mech- 90.42%				
		Powermech (Stacker Reclaimer)	08.10.20	30.06.23	30.08.23	Civil & Mech -100%				
3	Ash Handling Plant	BHEL/ Powermech	08.06.21	31.12.22	Aug-25	Civil & Mech- 85%				
4	Fuel Oil System	BHEL/Thermosystems	19.02.21	31.07.22	30.06.23	100%				
5	Cooling Towers	BHEL/NBCC for Unit #1 (Now M/s Paharpur) BHEL/Gammon for Unit#2 BHEL/NBCC for Unit#3 BHEL/Gammon for Unit#4 BHEL/NBCC for Unit#5	09.01.21 18.12.20 06.02.21 25.02.21 18.03.21	30.10.22 28.02.23 31.03.23 30.04.23 31.05.23	30.11.24 25.11.24 Aug-25 Aug-25 Oct-25	100%	100%	97.94%	96.75%	92.92%
6	CW Pump house	CW pump house & channel - BHEL/HES			Aug-25	98.66%	98.66%	97.66%	97.66%	97.66%
7	WPT Plant	BHEL/SCC	03.02.21	31.01.22	Aug-25	Civil & Mech- 94%				
8	DM Plant	BHEL/SCC	01.10.20	31.01.22	30-09-24	Civil & Mech-100%				
9	Compressed Air System	BHEL/HES	12.02.21	31.05.22	30.08.24	Civil & Mech- 100%				
10	Fire Protection System	BHEL	-	31.07.22	Oct-25	55.00%				
11	Switch Yard	BHEL/Bluechip	13.02.21	31.07.22	Aug-25	Civil & Mech – 96%				
12	Generator Transformers	BHEL/EIPL for Unit-1 BHEL/KEPL for Unit-2	14.12.19 17.10.20	30.10.22 31.12.22	30.09.24 30.09.24	100%	100%	98.5%	97%	92%
13	Station Transformers	BHEL/EIPL for Unit-3 BHEL/KEPL for Unit-4	26.10.19 22.10.19	31.01.23 31.03.23	Aug-25 Aug-25					
14	Unit Transformers	BHEL/KEPL for Unit-5	18.12.19	31.05.23	Feb-26					
15	Railway Siding	Work in progress	06.06.2022	06.12.23	Sep-25	93%				
16	Power Evacuation Lines	TS TRANSCO/MEIL	06.08.20	24.02.22	Aug25	87%				

CRITICAL ISSUES

- Unit #4 sync activities halted due to cracks observed on HP-Bypass warm up line.
- BHEL to improve manpower in areas of Boiler-3, TG-3, NDCT#3,4 & 5 and in CHP/ AHP.
- Unit#5 supply of material (viz., Inst/Service Air Compressors, PA fan blades, APRDS valve etc.) cannibalized from Unit 5 to other units.

REASONS OF DELAY

- 1) Delay in agency finalization of Main plant civil works and Boiler erection works.
- 2) The works of YTPS were adversely affected due to Covid-19 (1.0) as lockdown was imposed by State Government. Further upon resumption of the site works also, the works could not progress at the required pace, due to acute shortage of man power as most of the available workers at site have left.
- 3) The impact of monsoons and unprecedented rains during other seasons resulted in frequent dewatering caused interruption to the movement of men and machinery which affected the work progress at YTPS site.
- 4) The outbreak of Covid-19 (2.0) again hit the country with higher magnitude from March 2021 onwards. Number of workers and engineers are effected with Covid-19 in the project. Erection works are hampered due to non-availability of oxygen cylinders as the oxygen is diverted to Hospitals as per the directions of State Government.

Singareni TPP, St-II, Unit# 3 (800 MW) /SCCL (STATE-SECTOR)

Pegadapalli (V), Jaipur (M), Mancherla (Dist), Telangana-504216

E-Gen Portal Registration No. (U#3 – Not yet registered)

Project Developer / Implementing Agency -SCCL		Main Plant Vendor - M/s BHEL (EPC contract)	
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual Trial Run Date
Unit#3	28.02.2025	Dec-2028	Dec-28

CLEARANCES AND STATIC DATA		FINANCIAL DATA (Fig. in Rs. Crore)	
FUEL TYPE	Coal	ORIGINAL ESTIMATED COST OF THE PROJECT	9595.99
COAL COMBUSTION TECHNOLOGY	Ultra-supercritical	LATEST ESTIMATED COST	9595.99
APPROVAL DATE / NTP	28/02/2025	DATE OF FINANCIAL CLOSURE	Not Applicable
PPA	PPA under process with TG DISCOMs (In advance stage)	YEAR WISE EXPENDITURE	
COAL LINKAGE/FSA	Naini block (Captive Mines) from ODISHA	EXPENDITURE of JULY-25	0
START UP POWER AGREEMENT	Startup power has been envisaged from existing switchyard 400 kV Bus.	EXPENDITURE of 2025-26	332
POWER EVACUATION SYSTEM	Power Evacuation envisaged from existing four lines of 400 kV DC Quad Moose Ramadugu + 400 kV DC Quad Moose Sundilla lines (No new lines required for Stage II)	TOTAL EXPENDITURE (up to 31.07.25)	332
LAND POSSESSION	127 Ha as per MOEF Clearance available within the plant boundary, no additional land to be procured		
WATER ALLOCATION	Government of Telangana State has allotted 2 TMC of water from river Pranahitha, vide GO Rt No.474, Dtd:19.07.2010 sufficient to cater the requirement of Stage-II. No additional allocation required		
MOEF CLEARANCE	1: Clearance obtained from MOEF on 18.12.2019. 2: The validity of MOEF clearance is upto 2029.		
CIVIL AVIATION CLEARANCE	NOC obtained from Airports Authority of India on 28-07-2022 valid upto 27-07-2030.		
CPCB CLEARANCE	NOT APPLICABLE		
SPCB CLEARANCE	Application for Consent for Establishment(CFE) from TGPCB applied on 09-05-2025, which is in process		
FOREST CLEARANCE	NOT APPLICABLE		

Singareni TPP, Ph-II, Unit# 3 (1X800 MW) / SCCL (STATE-SECTOR)

UNIT WISE MILESTONES (ANTICIPATED/ ACTUAL)				STATUS OF MAIN PLANT PACKAGE (BTG)-BHEL						
SI.	Milestone	UNIT-3		SI	PACKAGE	AREA		UNIT-3		
		Original Date of Completion	Actual / Anticipated Date of Completion							
1	Completion of Boiler Foundation	Feb-26	Feb-26	1	BOILER	CIVIL		0		
2	Start of Boiler Erection	Feb-26	Feb-26			STRUCTURE		0		
3	Boiler Ceiling Girder Lifting Completion	Dec-26	Dec-26			PRESSURE PARTS		0		
4	Condenser Erection Start	Feb-27	Feb-27	2	TG	CIVIL		0		
5	TG Erection Start	Apr-27	Apr-27			STRUCTURE		0		
6	HP Piping Erection Start	May-27	May-27			TG ERECTION		0		
7	Boiler Hydro Test (Drainable) Completion	Dec-27	Dec-27	3	ESP	UNDER PROGRESS		0		
8	Boiler Hydro Test (Non-Drainable) Completion	Jun-28	Jun-28	4	FGD	CIVIL WORK		0		
9	TG BOX UP	Feb-28	Feb-28			MATERIAL SUPPLY		0		
10	HP Piping Erection Completion	May-28	May-28			ERECTION WORK		0		
11	Start of Oil Flushing	Apr-28	Apr-28	STATUS OF BOPs						
12	Boiler Light Up	Jun-28	Jun-28	Sl.	Packages/ Linked Project Milestones	Vendor/ Contracting Agency	Date of Award	Scheduled Date of Comp.	Ant/ Actual Date of Comp.	UNIT-3
13	Chemical Cleaning Completion	Jun-28	Jun-28	1	Chimney	BHEL	28.02.2025	07.09.2028	Sep-28	0
14	Steam Blowing Start	Jul-28	Jul-28	2	Coal Handling Plant	BHEL	28.02.2025	05.10.2028	Oct-28	0
15	Steam Blowing Completion	Aug-28	Aug-28	3	Ash Handling Plant	BHEL	28.02.2025	12.09.2028	Sep-28	0
16	Rolling & Sync.	Oct-28	Oct-28	4	Fuel Oil System	BHEL	28.02.2025	20.03.2028	Mar-28	0
17	Full Load	Nov-28	Nov-28	5	Cooling Towers	BHEL	28.02.2025	06.03.2028	Mar-28	0
18	Trial Run	Dec-28	Dec-28	6	CW Pump house	BHEL	28.02.2025	17.03.2028	Mar-28	0
19	COD	Jan-29	Jan-29	7	WPT Plant	BHEL	28.02.2025	31.07.2027	July-27	0
				8	DM Plant	BHEL	28.02.2025	24.10.2027	Oct-27	0
				9	Compressed Air System	BHEL	28.02.2025	07.02.2028	Feb-28	0
				10	Fire Protection System	BHEL	28.02.2025	26.10.2028	Oct-28	0
				11	Switch Yard	BHEL	28.02.2025	06.06.2028	Jun-28	0
				12	Station Transformers	BHEL	28.02.2025	25.12.2027	Dec-27	0
				13	Unit Transformers	BHEL	28.02.2025	02.09.2028	Sep-28	0
				14	Railway Siding	Under SCCL Scope –For Siding within plant area, Tender to be floated				0
				15	Power Evacuation Lines	Existing 400kV DC Quad Moose Ramadugu & 400kV DC Quad Moose Sundilla lines (No new lines required for Stage II)				100%

CRITICAL ISSUES

Nil

REASONS OF DELAY

Nil

SAGARDIGHI TPP, St-III, Unit# 5 (1X660 MW) / WBPDC (STATE SECTOR)

PS-Sagardighi, PO-Manigram, Block-Sagardighi, Subdivision-Jangipur, Distt.-Murshidabad (W. B.), Pin-742 237

E-Gen Portal Registration No. (U#5 - 1200002116)

Project Developer / Implementing Agency - WBPDC			Main Plant Vendor - M/s BHEL (EPC Contract)	
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual	Trial Run Date
Unit#5	27-12-2018	Jan-2024		Sep-2025
CLEARANCES AND STATIC DATA			FINANCIAL DATA (Fig. in Rs. Crore)	
FUEL TYPE	Coal, Indigenous		ORIGINAL ESTIMATED COST OF THE PROJECT	3862.65*
COAL COMBUSTION TECHNOLOGY	Super Critical		LATEST ESTIMATED COST	4567.32
APPROVAL DATE / NTP	Notice to Proceed Date : 01.07.2020; The proposal was approved in the State Cabinet held on 23.03.2018.		DATE OF FINANCIAL CLOSURE	02.01.2017
EPC/BTG/BoP Contractor Details (Package Wise)	EPC contract awarded to BHEL (LOA : 27.12.2018)		YEAR WISE EXPENDITURE	
PPA	Power Purchase Agreement executed with WBSEDCL		2018-19	64.04
COAL LINKAGE/FSA	Allocated Mine - Pachhwara (North) Captive Coal Mine of WBPDC. Distance from mine - 150 km (non-pithead); Coal will be sourced mainly from captive coal mines of WBPDC		2019-20	51.45
			2020-21	331.59
START UP POWER AGREEMENT	Startup power shall be obtained from the other running units of the Sagardighi Thermal Power Project		2021-22	302.77
POWER EVACUATION SYSTEM	Tx Line Developer	PGCIL	2022-23	605.91
	Tx Line Name Tx Voltage Level	i) STPP – New Sagardighi, 220 KV, D/c line, ii) STPP- Farakka, 400 KV D/c line, iii) STPP-Purulia 400 KV D/c line, iv) STPP- Baharampore 400 KV, D/C line, v) STPP- Gokarna 400 KV D/C line. vi) STPP-Jeerat 400 KV D/c line	2023-24	697.95
	Configuration of Tx Line (S/C or D/C)		2024-25	549.66
			EXPENDITURE OF July’2025	24.21
LAND POSSESSION	Adequate land is available for the project. (WBPDC have 365 Ha of land under possession for Phases I, II & III of the plant and another 184 Ha for ash disposal.)		2025-26	104.66
WATER ALLOCATION	Source: River Bhagirathi/Hooghly Quantity: 74.36 cusec of water intotal for the entire Project. Permission vide F. No. TE-15015/1/2019/NMCG, Dated: 01.07.2019 accorded by National Mission for Clean Ganga		TOTAL EXPENDITURE (up to 31.07.2025)	2,708.04
MOEF CLEARANCE	Environmental clearance vide F. No. J-13012/01/2019-IA. I (T) dated 24.03.2020 accorded by MoEF & CC Govt. of India for new unit No 5		* Approved in the State Cabinet held on 23.03.2018.	
CIVIL AVIATION CLEARANCE	NOC for height Clearance vide NOC ID: MALD/EAST/B/100316/175516, Dated: 19.10.2016 obtained from AAI.			
CPCB CLEARANCE	Not Applicable			
SPCB CLEARANCE	Online application for Grant of Consent to Establish / NoC has been be made to WBPCB on 27.03.2021			
FOREST CLEARANCE	Not Applicable			

SAGARDIGHI TPP, St-III, Unit# 5 (1X660 MW) / WBPDC (STATE SECTOR)

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)			
Sl.	MILESTONE	UNIT-5	
		Original Date of Completion	Anticipated / Actual Date of Completion
1	COMPLETION OF BOILER FOUNDATION	Apr-21	16.10.2021
2	START OF BOILER ERECTION	Apr-21	27.03.2021
3	BOILER DRUM LIFTING (if sub-critical unit)	NA	
4	BOILER CEILING GIRDER LIFTING COMPLETION	Dec-21	22.06.2022
5	CONDENSER ERECTION START	Mar-22	03.08.2022
6	TG ERECTION START	May-22	28.08.2022
7	HP PIPING ERECTION START	Nov-22	15.04.23
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION	Dec-22	28.02.2024
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	May-23	18.11.24
10	TG BOX UP	Jun-23	22.02.25
11	HP PIPING ERECTION COMPLETION	Aug-23	06.03.25
12	START OF OIL FLUSHING	Mar-23	04.11.2024
13	BOILER LIGHT UP	Jun-23	06.03.25
14	CHEMICAL CLEANING COMPLETION	Jun-23	27.01.2025
15	STEAM BLOWING START	Jul-23	07.03.25
16	STEAM BLOWING COMPLETION	Aug-23	30.03.25
17	ROLLING & SYNC.	Sep-23	21-06-25
18	FULL LOAD	Nov-23	Sep'25
19	TRIAL RUN	Jan-24	Sep-25
20	COD	Jan-24	Sep-25

STATUS OF MAIN PLANT PACKAGE (BTG) : M/s BHEL						
Sl.	Packages	AREA	UNIT-5			
			% Completion			
1	BOILER	CIVIL	100%			
		STRUCTURE	98%			
		PRESSURE PARTS	99.21%			
2	TG	CIVIL	100%			
		STRUCTURE	100%			
3	ESP	CIVIL WORKS	100%			
		STRUCTURAL WORKS	99%			
4	FGD	CIVIL WORKS	35%			
STATUS OF BOPs						
Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency (EPC- BHEL)	Date of Award	Scheduled Date of Completion	Anticipated/ Actual Date of Completion	UNIT-05 % Completion
1	Chimney	M/s. BHEL	17.08.2021	17.05.2023	Aug-25	99.5%
2	Coal Handling Plant	Conveyor package: Bengal Tools Limited	27.12.2018	15.12.2023	Aug-25	93%.
		Twin Wagon Tippler : ThyssenKrupp		13.12.2023	Aug-25	
		Existing Stacker Reclaimer of Stage-II will be used	NA	NA	NA	NA
3	Ash Handling Plant	M/s. MacawberBeekey Pvt. Ltd.	27.12.2018 (ZERO DATE AS PER CONTRACT 01.07.2020)	28.03.2024	Aug-25	92%
4	Fuel Oil System	M/s. BHEL		27.08.2023	06-Mar-25	100%
5	Cooling Towers	M/s. Paharpur Cooling Towers Limited		31.12.2022	23.02.2025	100%
6	CW Pump house	M/s. BHEL		09.12.2023	Aug-25	96%
8	WPT Plant	Will be used from Existing			31.12.2023	Existing from Stage – II Project will be used.
9	DM Plant				31.12.2023	
11	Compressed Air System	M/s. BHEL	27.12.2018 (ZERO DATE AS PER CONTRACT 01.07.2020)	25.08.2023	Aug-25	99.5%
12	Fire Protection System	M/s. BHEL		24.03.2024	Aug-25	75%
15	Switch Yard	M/s. BHEL		22.03.2024	Aug-25	92%
16	Station Transformers	M/s. BHEL		30.03.2023	15-01-25	100%
18	Unit Transformers	M/s. BHEL	27.08.2023	15-05-25		
19	Railway Siding	Railway siding exists. M/s. Rites will do the modification job for connecting Twin Wagon Tippler for Stage 3.				
20	Power Evacuation Lines	Power Evacuation from the proposed unit shall be done through the existing electrical network consisting of following feeders i) STPP – New Sagardighi, 220 KV, D/c line, ii) STPP- Farakka, 400 KV D/c line, iii) STPP-Purulia 400 KV D/c line, iv) STPP-Jeerat 400KV D/c line, v) STPP- Baharampore 400 KV, D/C line, vi) STPP- Gokarna 400 KV D/C line.				

CRITICAL ISSUES

1. Delay in readiness of CWP.
2. Delay in readiness of AHP (VPH, FAE tower, TAC, Silo)
3. Delay in readiness of twin wagon tippler, coal crusher & conveyor Belt.

REASONS OF DELAY

1. Effect of COVID -19 during Project Tenure; Scarcity of Industrial Oxygen affected fabrication work. Quarantine of workers & officials.
2. Restrictions affected mobilization.
3. Delay in sequential supply of Critical Items, mainly Boiler Pressure Parts from BHEL-Trichy works.
4. Delay in supply of Double Girder EOT Crane (more than 100 MT capacity) which resulting in delay in delay in Turbine Erection. TPI completed in Feb 2023.
5. Delay in ordering of Bought out items, like :
 - Condensate Polishing Unit.
 - Mill Rejection System.
 - Control Valves.

DCR TPP Extn., Unit# 3 (1X800 MW) / HPGCL (STATE SECTOR)

Rattanpura, Yamunanagar, Haryana– 768001

E-Gen Portal Registration No. (U#3 – 120003910)

Project Developer / Implementing Agency -HPGCL		Main Plant Vendor - M/s BHEL (EPC contract)	
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual Trial Run Date
Unit#3	08-02-2024 (LOI)	Feb-29	Sept-29

CLEARANCES AND STATIC DATA		FINANCIAL DATA (Fig. in Rs. Crore)	
FUEL TYPE	Coal, Non-Pithead	ORIGINAL ESTIMATED COST OF THE PROJECT	6900
COAL COMBUSTION TECHNOLOGY	Ultra-Supercritical	LATEST ESTIMATED COST	7272.07
APPROVAL DATE / NTP	NTP to be issued to BHEL on January, 2025.	DATE OF FINANCIAL CLOSURE	Financial closure is in process.
PPA	HPGCL has the mandate to supply power to Haryana State Discoms only and thus no separate PPA needs to be signed and only quantum of power in existing PPA shall be added.	YEAR WISE EXPENDITURE	
COAL LINKAGE/FSA	Standing Linkage Committee (Long Term) of Ministry of Coal in its meeting on 19.09.2023 has recommended bridge linkage of 37.1 Lac Metric Tonne per Annum for the project for a period of 3-years i.e. upto 23.02.2026.	2023-24	1.39
START UP POWER AGREEMENT	Startup power will be drawn from existing 220 kV switchyard of DCRTTP, Yamunanagar, whereby, 2 Nos, 400/220 kV, 315 MVA ICTs will be provided to connect existing 220 kV switchyard with upcoming 400 kV switchyard of proposed 800 MW Unit-3. From 400 kV switchyard, power will be supplied for startup through 2 Nos, 400/11 kV, 130 MVA Station Transformers.	2024-25	2.71
POWER EVACUATION SYSTEM	Power will be evacuated through 2 Nos., 400 kV Transmission lines, to be drawn by Haryana Vidyut Prasaran Nigam Limited (HVPNL). Proposed 400 kV switchyard will also be connected to existing 220 kV switchyard by providing 2 Nos, 400/220 kV, 315 MVA ICTs.	Expenditure of JULY'25	7.94
LAND POSSESSION	Unit shall be installed within in the existing boundary of DCRTTP, no additional land is required.	2025-26	207.49
WATER ALLOCATION	Consent has been obtained from Irrigation Department for regular supply of 22 Cusecs of raw water from WJC canal for the proposed 800 MW Ultra-Supercritical unit at DCRTTP, Yamunanagar.	TOTAL EXPENDITURE (up to 31.07.25)	211.59
MOEF CLEARANCE	EC granted by MoEFCC on 20-01-2025		
CIVIL AVIATION CLEARANCE	NoC for NDCT Height Clearance has been accorded by Airport Authority of India (AAI) on 27.06.2023 and NoC from Ministry of Defense (MoD) has been accorded on 07.03.2024		
CPCB CLEARANCE	EC granted by MoEFCC on 20-01-2025		
SPCB CLEARANCE	Consent to Establish granted on 21-01-2025		
FOREST CLEARANCE	Not Applicable		

DCR TPP Extn., Unit# 3 (1X800 MW) / HPPGCL (STATE SECTOR)

UNIT WISE MILESTONES (ANTICIPATED/ ACTUAL)				STATUS OF MAIN PLANT PACKAGE (BTG)-BHEL						
SI.	Milestone	UNIT-3		SI	PACKAGE	AREA		UNIT-3 (% completion)		
		Original Date of Completion	Actual / Anticipated Date of Completion							
1	Completion of Boiler Foundation	Aug-26	Aug-26	1	BOILER	CIVIL		0		
2	Start of Boiler Erection	May-26	May-26			STRUCTURE		0		
3	Boiler Ceiling Girder Lifting Completion	Mar-27	Mar-27			PRESSURE PARTS		0		
4	Condenser Erection Start	May-27	May-27	2	TG	CIVIL		0		
5	TG Erection Start	June-27	June-27			STRUCTURE		0		
6	HP Piping Erection Start	Jul-27	Jul-27			TG ERECTION		0		
7	Boiler Hydro Test (Drainable) Completion	Mar-28	Mar-28	3	ESP	UNDER PROGRESS		0		
8	Boiler Hydro Test (Non-Drainable) Completion	Aug-28	Aug-28	4	FGD	CIVIL WORK		0		
9	TG BOX UP	May-28	May-28			MATERIAL SUPPLY		0		
10	HP Piping Erection Completion	Aug-28	Aug-28			ERECTION WORK		0		
11	Start of Oil Flushing	Jul-28	Jul-28	STATUS OF BOPs						
12	Boiler Light Up	Aug-28	Aug-28	Sl.	Packages/ Linked Project Milestones	Vendor/ Contracting Agency	Date of Award	Scheduled Date of Comp.	Ant/ Act ual Date of Co mp.	UNIT-3 (%)
13	Chemical Cleaning Completion	Sep-28	Sep-28	1	Chimney	BHEL	20.03.2025	12.12.2028	Dec-28	0
14	Steam Blowing Start	Sep-28	Sep-28	2	Coal Handling Plant	BHEL	20.03.2025	08.03.2029	Mar-29	0
15	Steam Blowing Completion	Oct-28	Oct-28			BHEL	20.03.2025			0
16	Rolling & Sync.	Jan-29	Jan-29			BHEL	20.03.2025			0
17	Full Load	Aug-29	Aug-29	3	Ash Handling Plant	BHEL	20.03.2025	13.03.2029	Mar-29	0
18	Trial Run	Sept-29	Sept-29	4	Fuel Oil System	BHEL	20.03.2025	01.07.2028	July-28	0
19	COD	Sept-29	Sept-29	5	Cooling Towers	BHEL	20.03.2025	13.12.2028	Dec-28	0
				6	CW Pump house	BHEL	20.03.2025	17.01.2029	Jan-29	0
				7	WPT Plant	BHEL	20.03.2025	16.02.2029	Feb-29	0
				8	DM Plant	BHEL	20.03.2025	13.12.2028	Dec-28	0
				9	Compressed Air System	BHEL	20.03.2025	08.11.2028	Nov-28	0
				10	Fire Protection System	BHEL	20.03.2025	08.11.2028	Nov-28	0
				11	Switch Yard	BHEL	20.03.2025	15.11.2028	Nov-28	0
				12	Station Transformers	BHEL	20.03.2025	03.07.2028	July-28	0
				13	Unit Transformers	BHEL	20.03.2025	14.10.2028	Oct-28	0
				14	Railway Siding	BHEL	20.03.2025	07.01.2029	Jan-29	0
				15	Power Evacuation Lines	BHEL	20.03.2025	22.12.2028	Dec-28	0

CRITICAL ISSUES

- Nil

REASONS OF DELAY

- Nil

Ukai SCTPP, Unit# 7 (1X800 MW) / GSECL (STATE SECTOR)

Tal. Fort-Songadh, Distt. -Tapi, Gujarat- 394 680

E-Gen Portal Registration No. (U#7 – 1200004107)

Project Developer / Implementing Agency -GSECL		Main Plant Vendor - M/S BHEL(EPC)		
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual	Trial Run Date
Unit#7	27-03-2025	Sep-29		Sep-29

CLEARANCES AND STATIC DATA		FINANCIAL DATA (Fig. in Rs. Crore)	
FUEL TYPE	Coal, Non-Pithead	ORIGINAL ESTIMATED COST OF THE PROJECT	7000
COAL COMBUSTION TECHNOLOGY	Supercritical	LATEST ESTIMATED COST	8850
APPROVAL DATE / NTP	Date of NTP 27.03.2025	DATE OF FINANCIAL CLOSURE	25.08.2023
PPA	PPA with GUVNL. Signing under process.	YEAR WISE EXPENDITURE	
		2024-25	349.75
COAL LINKAGE/FSA	As per MoM of SLC(LT) No. 3/23 for Power Sector held on 16.06.2023, Agenda Item No. 3, Coal Linkage recommended under para B (i) of SHAKTI Policy from Coal India Limited.	Expenditure in July-25	0
START UP POWER AGREEMENT	GETCO (STU) to construct tie line between 400 KV Extension (AIS to GIS) switchyard and 800 MW Plant GIS Switchyard.	TOTAL EXPENDITURE (up to 31.07.25)	349.75
POWER EVACUATION SYSTEM	400 KV Double Circuit Line (to be finalized)		
LAND POSSESSION	Land requirement for the project is 89 Acres ; Land in possession: (69 Acres in Ash Pond-A to be reclaimed and 20 Acres vacant land within existing TPP)		
WATER ALLOCATION	From Ukai Left Bank Main Canal		
MOEF CLEARANCE	MoEFCC File No.J-13012/04/2018/IA.I(T) dated 13.10.2020 valid for 10 years (as per MoEFCC-OM dated 13.12.2022)		
CIVIL AVIATION CLEARANCE	Under process (Tender under technical evaluation)		
CPCB CLEARANCE	Not Applicable		
SPCB CLEARANCE	GPCB File No. GPCB/ (PCB ID- 20753) dated 06.05.2019		
FOREST CLEARANCE	Not Applicable		

Ukai SCTPP, Unit# 7 (1X800 MW) / GSECL (STATE SECTOR)

UNIT WISE MILESTONES (ANTICIPATED/ ACTUAL)				STATUS OF MAIN PLANT PACKAGE (BTG) / (M/s L&T)						
Sl.	Milestone	UNIT-7		SI	PACKAGE	AREA		UNIT-7		
		Original Date of Completion	Actual / Anticipated Date of Completion							
1	Completion Of Boiler Foundation	Jul-26	Jul-26	1	BOILER	CIVIL				0%
						STRUCTURE				0%
						PRESSURE PARTS				0%
2	Start Of Boiler Erection	Jul-26	Jul-26	2	TG	CIVIL				0%
						STRUCTURE				0%
						TG ERECTION				0%
3	Boiler Ceiling Girder Lifting Completion	Apr-27	Apr-27	3	ESP	UNDER PROGRESS				0%
4	Condenser Erection Start	Jul-27	Jul-27	4	FGD	CIVIL WORK				0%
						MATERIAL SUPPLY				0%
						ERECTION WORK				0%
5	TG Erection Start	Jan-28	Jan-28	STATUS OF BOPs						
6	HP Piping Erection Start	Dec-27	Dec-27	Sl.	Packages/ Linked Project Milestones	Vendor/ Contract ing Agency	Date of Award	Schedul ed Date of Comp.	Ant/ Actual Date of Comp.	UNIT-7
7	Boiler Hydro Test (Drainable) Completion	Jun-28	Jun-28	1	Chimney	BHEL				0%
8	Boiler Hydro Test (Non-Drainable) Completion	Mar-29	Mar-29	2	Coal Handling Plant	BHEL				0%
9	TG BOX UP	Jan-29	Jan-29			BHEL				0%
10	HP Piping Erection Completion	Oct-28	Oct-28	3	Ash Handling Plant	BHEL				0%
11	Start Of Oil Flushing	Feb-29	Feb-29	4	Fuel Oil System	BHEL				0%
12	Boiler Light Up	Mar-29	Mar-29	5	Cooling Towers	BHEL				0%
13	Chemical Cleaning Completion	Apr-29	Apr-29	6	CW Pump house	BHEL				0%
14	Steam Blowing Start	Apr-29	Apr-29	7	WPT Plant	BHEL				0%
15	Steam Blowing Completion	Jun-29	Jun-29	8	DM Plant	BHEL				0%
16	Rolling & Sync.	Jul-29	Jul-29	9	Compressed Air System	BHEL				0%
17	Full Load	Aug-29	Aug-29	10	Fire Protection System	BHEL				0%
18	Trial Run	Sep-29	Sep-29	11	Switch Yard	BHEL				0%
19	COD	Sep-29	Sep-29	12	Station Transformers	BHEL				0%
				13	Unit Transformers	BHEL				0%
				14	Railway Siding	NA				Already available in TPP
				15	Power Evacuation Lines	GETCO				0%

CRITICAL AREAS

NIL

REASONS OF DELAY

NIL

MAHAN USCTPP, Ph-II, Unit# 3 & 4 (2X800 MW) / Mahan Energen Ltd. (PRIVATE SECTOR)

Village: Bandhaura, Post: Karsualal, Tehsil: Mada, District: Singrauli, Madhya Pradesh – 486886

E-Gen Portal Registration No. (U#3 - 1200003898 ; U#4 - 1200003899)

Project Developer / Implementing Agency - Mahan Energen Ltd			Main Plant Vendor (BTG) - BHEL (Supply contract)		
Unit No.		LOA	Original Trial Run Date		Anticipated / Actual Trial Run Date
Unit#3		Aug-2023	Dec-2026		Dec-2026
Unit#4			May-2027		May-2027
CLEARANCES AND STATIC DATA				FINANCIAL DATA (Fig. in Rs. Crore)	
FUEL TYPE		Coal Based		ORIGINAL ESTIMATED COST OF THE PROJECT	
COAL COMBUSTION TECHNOLOGY		Ultra-supercritical		15530.00	
APPROVAL DATE / NTP		20.06.2023		LATEST ESTIMATED COST	
EPC/BTG/BoP Contractor Details (Package Wise)		20-Aug-23: BTG Supply & Supervision Ordering to M/s BHEL		15530.00	
PPA		Long term Power Sale Agreement ("PSA") signed for supply of 1320 MW (Gross) power to Madhya Pradesh Power Management Co. Ltd. ("MPPMCL") for period of 25 years w.e.f. COD of the project term.		DATE OF FINANCIAL CLOSURE	
COAL LINKAGE/FSA		Allocated coal linkage of 5 MTPA from WCL under para B (iv) of the SHAKTI Policy. Balance coal requirement will be fulfilled by nearby commercial mine.		20.06.2023	
START UP POWER AGREEMENT		Startup power will be arranged from transmission to be developed by MPPMCL in line with the PSA.		YEAR WISE EXPENDITURE	
POWER EVACUATION SYSTEM		Tx Line Developer	MPPMCL	2022-23	
		Tx Line Name Tx Voltage Level	As per PSA, Power Evacuation from the bus bar of the power station is to be developed by MPPMCL.	50	
		Configuration of Tx Line (S/C or D/C)		2023-24	
LAND POSSESSION		Total land required for proposed expansion area is 288 Acres which is already in possession. The total area of the Project site is 920 Acres including existing facility.		724	
WATER ALLOCATION		Agreement signed on 18-Oct-22 for drawl of 36 MCM water from River Rihand (Govind Vallabh Pant Sagar) with the validity of 30 years		2024-25	
MOEF CLEARANCE		MoEFCC Clearance for the Project obtained on 27-Jul-23 (Validity of 10 years as per guideline)		2542.67	
CIVIL AVIATION CLEARANCE		NOT APPLICABLE		EXPENDITURE OF Jul'2025	
CPCB CLEARANCE		NOT APPLICABLE		325	
SPCB CLEARANCE		CTE awaited.		2025-26	
FOREST CLEARANCE		NOT APPLICABLE		1275	
				TOTAL EXPENDITURE (upto 31.07.2025)	
				4591.67	

MAHAN USCTPP, Ph-II, Unit# 3 & 4 (2X800 MW) / Mahan Energen Ltd. (PRIVATE SECTOR)

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)					
Sl.	MILESTONE	UNIT-3		UNIT-4	
		Original Date	Actual / Anticipated Date	Original Date	Actual / Anticipated Date
1	COMPLETION OF BOILER FOUNDATION	18-Oct-24	18-Oct-24	20-05-25	20-05-25
2	START OF BOILER ERECTION	18-07-24	30-06-24	20-01-25	20-01-25
3	BOILER DRUM LIFTING (if sub-critical unit)	NA		NA	
4	BOILER CEILING GIRDER LIFTING COMPLETION	18-01-25	15-02-25	Jul-25	15.07.25
5	CONDENSER ERECTION START	17-06-25	15-06-25	Dec-25	Dec-25
6	TG ERECTION START	Sep-25	Sep-25	Mar-26	Mar-26
7	HP PIPING ERECTION START	Aug-25	Aug-25	Feb-26	Feb-26
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION	Feb-26	Feb-26	Aug-26	Aug-26
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	Apr-26	Apr-26	Oct-26	Oct-26
10	TG BOX UP	Jul-26	Jul-26	Jan-27	Jan-27
11	HP PIPING ERECTION COMPLETION	Apr-26	Apr-26	Oct-26	Oct-26
12	START OF OIL FLUSHING	Apr-26	Apr-26	Oct-26	Oct-26
13	BOILER LIGHT UP	Aug-26	Aug-26	Feb-27	Feb-27
14	CHEMICAL CLEANING COMPLETION	Jun-26	Jun-26	Dec-26	Dec-26
15	STEAM BLOWING START	Aug-26	Aug-26	Feb-27	Feb-27
16	STEAM BLOWING COMPLETION	Sep-26	Oct-26	Mar-27	Mar-27
17	ROLLING & SYNC.	Nov-26	Nov-26	May-27	May-27
18	FULL LOAD	Dec-26	Dec-26	May-27	May-27
19	TRIAL RUN	Dec-26	Dec-26	May-27	May-27
20	COD	Dec-26	Jan-27	Jun-27	Jun-27

STATUS OF MAIN PLANT PACKAGE (BTG) : BHEL (Supply contract)				
Sl.	Packages	AREA	UNIT-3	UNIT-4
			% Completion	% Completion
1	BOILER	CIVIL	53%	45%
		STRUCTURE	53%	45%
		PRESSURE PARTS	53%	45%
2	TG	CIVIL	60%	43%
		STRUCTURE	60%	43%
		TG ERECTION	60%	43%
3	ESP	UNDER PROGRESS	70%	61%
4	FGD	CIVIL WORK	64%	64%
		MATERIAL SUPPLY	64%	64%
		ERECTION WORK	64%	64%

STATUS OF BOPs							
Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency	Date of Award	Scheduled Date of Completion	Anticipated /Actual Date of Completion	UNIT-3	UNIT-4
						% Completion	% Completion
1	Chimney	M/s Bygging	27.05.24	Jul-26	Jul-26	61%	61%
2	Coal HandlingPlant Conveyor Package Wagon Tippler Crusher House Pkg	M/s MBPL	22.01.24	Jun-26	Jun-26	59%	59%
			NA	NA	NA	NA	NA
			22.01.24	Jun-26	Jun-26	59%	59%
3	Ash Handling	M/s MBPL	16.12.23	Jun-26	Jun-26	59%	59%
4	Fuel Oil System	M/s Raunaq International Limited	28.02.24	Jun-26	Jun-26	53%	53%
5	Cooling Towers	M/S AS Cooling	02.01.24	May-26	May-26	51%	51%
6	CW Pump House and Piping	Order placed for pumps to M/s Kirloskar Brothers Ltd & M/s Raunaq EPC for Piping	22.01.24	May-26	May-26	71%	71%
7	WPT Plant	Thermax	27.12.23	Jan-26	Jan-26	63%	63%
8	DM Plant	Thermax	27.12.23	Jan-26	Jan-26	63%	63%
9	Compressed Air System	M/s Kirloskar Pneumatic Company Ltd.	18.03.24	Feb-26	Feb-26	55%	55%
10	Fire Protection System	M/s MX Systems International Pvt Ltd	22.06.24	May-26	May-26	31%	31%
11	Switch Yard	M/s Godrej and Boyce	30.04.24	May-26	May-26	51%	51%
12	Station Txer	M/s T&R	25.05.24	Jul-26	Jul-26	36%	36%
13	Generator Txer	M/s TBEA	30.04.24	Jul-26	Jul-26	36%	36%
14	Unit Txer	M/s T&R	21.05.24	Mar-26	Mar-26	50%	50%
15	Railway Siding	NA	NA	NA	NA	0%	0%
16	Power evacuation	NA					

CRITICAL ISSUES

REASONS OF DELAY

Koradi TPS, St-V, Unit#11 & 12 (2x660MW)/ MSPGCL (STATE SECTOR)

Block – Khasara No.-188-189, Koradi , Tal-Kamptee, Dist Nagpur.
E-Gen Portal Registration No. (Unit-1: 1200004135, Unit -2: 1200004136)

Project Developer / Implementing Agency – MSPGCL		Main Plant Vendor – M/s BHEL		
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual	Trial Run Date
Unit#11	07-02-2025	May-29	May-29	
Unit#12		Nov-29	Nov-29	
CLEARANCES AND STATIC DATA		FINANCIAL DATA (Fig. in Rs. Crore)		
FUEL TYPE	Coal	ORIGINAL ESTIMATED COST OF THE PROJECT		13,200
COAL COMBUSTION TECHNOLOGY	Supercritical	LATEST ESTIMATED COST		13,200
APPROVAL DATE / NTP	07.02.2025	DATE OF FINANCIAL CLOSURE		
EPC/BTG/BoP Contractor Details (Package Wise)	07.02.2025, LOA issued to M/s BHEL for BTG Package.	YEAR WISE EXPENDITURE		
PPA	MSEDCL on date 17.07.2019 has given ‘In-principle consent’ for signing amendment to existing PPA	2025-26		1.89
COAL LINKAGE/FSA	Allocation date, sources, grade and quantity.	EXPENDITURE OF Jul’2025		
		TOTAL EXPENDITURE (upto 31.07.2025)		1.89 crores
START UP POWER AGREEMENT	During start-up, power will be fed to the unit auxiliaries from the 220 kV/11Kv through the Station Transformer, 11 kV Station Switchgear, segregated phase bus duct and 11 kV unit switchgear			
POWER EVACUATION SYSTEM	The power evacuation from new 2x660 MW units will be evacuated through a 400 kV switchyard of MAHATRANSCO.			
LAND POSSESSION	Total land required is 168 acres which is available in Koradi TPS premises. No additional land is acquired.			
WATER ALLOCATION	Water requirement shall be 34.69 MM3/annum (Shall be fulfilled from Tertiary Treated Water along with 15% back-up water from allocated water of Pench Dam).			
MOEF CLEARANCE	Environmental Clearance is received on 19.09.2024. Valid till 18.09.2034.			
CIVIL AVIATION CLEARANCE	In process.			
CPCB CLEARANCE	Not applicable.			
SPCB CLEARANCE	Consent to Establish received on 03.05.2025, valid till 02.05.2030 or Commissioning of Unit whichever is earlier.			
FOREST CLEARANCE	Not applicable.			

Koradi TPS, St-V, Unit#11 & 12 (2x660MW)/ MSPGCL (STATE SECTOR)

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)					
Sl.	MILESTONE	UNIT-11		UNIT-12	
		Original Date	Actual / Anticipated Date	Original Date	Actual / Anticipated Date
1	COMPLETION OF BOILER FOUNDATION	Apr-26	Apr-26	Oct-26	Oct-26
2	START OF BOILER ERECTION	Apr-26	Apr-26	Oct-26	Oct-26
3	BOILER DRUM LIFTING (if sub-critical unit)	NA		NA	
4	BOILER CEILING GIRDER LIFTING COMPLETION	Jan-27	Jan-27	Jul-27	Jul-27
5	CONDENSER ERECTION START	Jan-27	Jan-27	Jul-27	Jul-27
6	TG ERECTION START	Jul-27	Jul-27	Jan-28	Jan-28
7	HP PIPING ERECTION START				
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION	Apr-28	Apr-28	Oct-28	Oct-28
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	Nov-28	Nov-28	May-29	May-29
10	TG BOX UP	Sep-28	Sep-28	Mar-29	Mar-29
11	HP PIPING ERECTION COMPLETION	Dec-28	Dec-28	Jun-29	Jun-29
12	START OF OILFLUSHING	Oct-28	Oct-28	Apr-29	Apr-29
13	BOILER LIGHT UP	Dec-28	Dec-28	Jun-29	Jun-29
14	CHEMICAL CLEANING COMPLETION	Dec-28	Dec-28	Jun-29	Jun-29
15	STEAM BLOWING START	Jan-29	Jan-29	Jul-29	Jul-29
16	STEAM BLOWING COMPLETION	Feb-29	Feb-29	Aug-29	Aug-29
17	ROLLING & SYNC.	Mar-29	Mar-29	Sep-29	Sep-29
18	FULL LOAD	Apr-29	Apr-29	Oct-29	Oct-29
19	TRIAL RUN	May-29	May-29	Nov-29	Nov-29
20	COD	Jun-29	Jun-29	Dec-29	Dec-29

STATUS OF MAIN PLANT PACKAGE (BTG) : M/s BHEL (Supply)							
Sl.	Packages	AREA	UNIT-11		UNIT-12		
			% Completion	% Completion			
1	BOILER	CIVIL					
		STRUCTURE					
		PRESSURE PARTS					
2	TG	CIVIL					
		STRUCTURE					
		TG ERECTION					
3	ESP	UNDER PROGRESS					
4	FGD	CIVIL WORK					
		MATERIAL SUPPLY					
		ERECTION WORK					
STATUS OF BOPs (BHEL-Supply)							
Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency (Supply-BHEL)	Date of Award	Scheduled Date of Completion	Anticipated /Actual Date of Completion	UNIT-11 % Completion	UNIT-12 % Completion
1	Chimney						
2	Coal Handling Plant						
3	Ash Handling Plant						
4	Fuel Oil System						
5	Cooling Towers						
6	CW Pump house						
7	WPT Plant						
8	DM Plant						
9	Compressed Air System						
10	Fire Protection System						
11	Switch Yard						
12	Station Transformers		07.02.2025	15.04.2028	15.04.2028	15.10.2028	
13	Generator Transformers			07.01.2029	07.01.2029	07.07.2029	
14	Unit Transformers			03.12.2028	03.12.2028	03.06.2029	
15	Railway Siding						
16	Power Evacuation Lines		07.02.2025	07.03.2029	07.03.2029	07.9.2029	

CRITICAL ISSUES

REASONS OF DELAY

KORBA (W) SCTPP, Unit#1 & 2 (2x660MW)/ CSPGCL (STATE SECTOR)

2x660 MW Super Critical Thermal Power Project HTPS, Korba West,
Distt.- Korba, State Chhattisgarh-495450

E-Gen Portal Registration No. (Unit-1: 1200004110, Unit -2: 1200004111)

Project Developer / Implementing Agency – CSPGCL		Main Plant Vendor – M/s BHEL (Supply)		
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual	Trial Run Date
Unit#1	22-09-2022	Jul-29	Jul-29	
Unit#2		Jan-30	Jan-30	
CLEARANCES AND STATIC DATA		FINANCIAL DATA (Fig. in Rs. Crore)		
FUEL TYPE	Coal, HSD/LDO	ORIGINAL ESTIMATED COST OF THE PROJECT		12,915
COAL COMBUSTION TECHNOLOGY	Supercritical	LATEST ESTIMATED COST		15,800
APPROVAL DATE / NTP	Approval from BOD of CSPGCL on dtd. 22.09.2022.	DATE OF FINANCIAL CLOSURE		
EPC/BTG/BoP Contractor Details (Package Wise)	NOA awarded to BHEL on EPC Package on dtd. 03.04.2025	YEAR WISE EXPENDITURE		
PPA	PPA executed with CSPDCL (100% Share).	2024-25		11.94
COAL LINKAGE/FSA	MOC, SLC has recommended for Long Term Coal Linkage on dtd. 09.06.2024 . FSA is to be executed. Kasmunda coal mines has been allocated by SECL.The coal requirement for the project is 6.5 MTPA of G-14 grade (GCV 3300Kcal/Kg).	2025-26		587.53
START UP POWER AGREEMENT	LILO with existing 1x500MW unit of HTPS, Korba West.	EXPENDITURE OF Jul’2025		3.22
POWER EVACUATION SYSTEM	At 400 KV	TOTAL EXPENDITURE (upto 31.07.2025)		602.69
LAND POSSESSION	Land for main plant area, 702.854 Hectare is available. Land, acquisition for external CHP (85 Hectare Revenue forest land) is in progress.			
WATER ALLOCATION	Source - Hasdeo Barrage. Water requirement 34.8 MCM. In principle approval for water allocation was obtained form the Water Resources Department (WRD) on 06.02.2025.			
MOEF CLEARANCE	Environment clearance obtained on dtd. 26.03.2025			
CIVIL AVIATION CLEARANCE	In progress.			
CPCB CLEARANCE	In progress.			
SPCB CLEARANCE	Not applicable.			
FOREST CLEARANCE	85 Hectare Revenue forest land required for external CHP. DGPS survey is in progress.			

KORBA (W) SCTPP, Unit#1 & 2 (2x660MW)/ CSPGCL (STATE SECTOR)

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)					
Sl.	MILESTONE	UNIT-1		UNIT-2	
		Original Date	Actual / Anticipated Date	Original Date	Actual / Anticipated Date
1	COMPLETION OF BOILER FOUNDATION	Mar-27	Mar-27	Sep-27	Sep-27
2	START OF BOILER ERECTION	Aug-26	Aug-26	Feb-27	Feb-27
3	BOILER DRUM LIFTING (if sub-critical unit)	NA		NA	
4	BOILER CEILING GIRDER LIFTING COMPLETION	Mar-27	Mar-27	Sep-27	Sep-27
5	CONDENSER ERECTION START	Sep-27	Sep-27	Sep-27	Sep-27
6	TG ERECTION START	Nov-27	Nov-27	May-28	May-28
7	HP PIPING ERECTION START	Oct-27	Oct-27	Apr-28	Apr-28
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION	Jul-28	Jul-28	Jan-29	Jan-29
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	Jan-29	Jan-29	Jul-29	Jul-29
10	TG BOX UP	Sep-28	Sep-28	Mar-29	Mar-29
11	HP PIPING ERECTION COMPLETION	Dec-28	Dec-28	Jun-29	Jun-29
12	START OF OILFLUSHING	Oct-28	Oct-28	Apr-29	Apr-29
13	BOILER LIGHT UP	Jan-29	Jan-29	Jul-29	Jul-29
14	CHEMICAL CLEANING COMPLETION	Jan-29	Jan-29	Jul-29	Jul-29
15	STEAM BLOWING START				
16	STEAM BLOWING COMPLETION	Mar-29	Mar-29	Sep-29	Sep-29
17	ROLLING & SYNC.	May-29	May-29	Nov-29	Nov-29
18	FULL LOAD	Jun-29	Jun-29	Dec-29	Dec-29
19	TRIAL RUN	Jul-29	Jul-29	Jan-30	Jan-30
20	COD	Oct-29	Oct-29	Apr-30	Apr-30

STATUS OF MAIN PLANT PACKAGE (BTG) : M/s BHEL (Supply)							
Sl.	Packages	AREA	UNIT-1		UNIT-2		
			% Completion	% Completion			
1	BOILER	CIVIL					
		STRUCTURE					
		PRESSURE PARTS					
2	TG	CIVIL					
		STRUCTURE					
		TG ERECTION					
3	ESP	UNDER PROGRESS					
4	FGD	CIVIL WORK					
		MATERIAL SUPPLY					
		ERECTION WORK					
STATUS OF BOPs (BHEL-Supply)							
Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency (Supply-BHEL)	Date of Award	Scheduled Date of Completion	Anticipated /Actual Date of Completion	UNIT-1 % Completion	UNIT-2 % Completion
1	Chimney			31.05.2029 30.11.2029			
2	Coal Handling Plant			30.09.2029 30.03.2030			
3	Ash Handling Plant			30.09.2029 30.03.2030			
4	Fuel Oil System			30.09.2029 30.03.2030			
5	Cooling Towers			30.09.2029 30.03.2030			
6	CW Pump house			30.03.2029 30.09.2029			
7	WPT Plant			30.09.2029 30.03.2030			
8	DM Plant			30.09.2029 30.03.2030			
9	Compressed Air System			30.09.2029 30.03.2030			
10	Fire Protection System			30.09.2029 30.03.2030			
11	Switch Yard			30.09.2029 30.03.2030			
12	Station Transformers			28.09.2028 28.03.2029			
13	Generator Transformers						
14	Unit Transformers						
15	Railway Siding			Land acquisition is under process			
16	Power Evacuation Lines			28.02.2029 28.08.2029			

CRITICAL ISSUES**REASONS OF DELAY**

RAIPUR Ext TPP, Ph-II, Unit#3 & 4 (2x800MW)/ Adani Power Ltd. (PRIVATE SECTOR)

Village Raikheda, Block – Tilda, Raipur, Chhattisgarh.

E-Gen Portal Registration No. (. Unit-3: 1200004027, Unit -4: 1200004028)

Project Developer / Implementing Agency – Adani Power Ltd.			Main Plant Vendor – M/s BHEL (Supply)		
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual	Trial Run Date	
Unit#3	Jun-2024	Jan-2028	Jan-2028		
Unit#4		Jul-2028	Jul-2028		
CLEARANCES AND STATIC DATA			FINANCIAL DATA (Fig. in Rs. Crore)		
FUEL TYPE	Coal		ORIGINAL ESTIMATED COST OF THE PROJECT		16000
COAL COMBUSTION TECHNOLOGY	Ultra-Supercritical		LATEST ESTIMATED COST		16000
APPROVAL DATE / NTP	Jun-2024 to M/s BHEL (Supply)		DATE OF FINANCIAL CLOSURE		
EPC/BTG/BoP Contractor Details (Package Wise)	Awarded to BHEL (Supply) on Jun-2024		YEAR WISE EXPENDITURE		
PPA			2024-25	839	
COAL LINKAGE/FSA			2025-26	948	
			EXPENDITURE OF Jul’2025	205	
START UP POWER AGREEMENT			TOTAL EXPENDITURE (upto 31.07.2025)	1787	
POWER EVACUATION SYSTEM					
LAND POSSESSION					
WATER ALLOCATION	Applied for 36 MCM from Mohmela-Sirpur Barrange in Mahanadi River				
MOEF CLEARANCE	Ministry of Environment and Forest has accorded clearance for the above Project on 01.11.2024.				
CIVIL AVIATION CLEARANCE					
CPCB CLEARANCE					
SPCB CLEARANCE					
FOREST CLEARANCE					

RAIPUR Ext TPP, Ph-II, Unit#3 & 4 (2x800MW)/ Adani Power Ltd. (PRIVATE SECTOR)

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)					
Sl.	MILESTONE	UNIT-3		UNIT-4	
		Original Date	Actual / Anticipated Date	Original Date	Actual / Anticipated Date
1	COMPLETION OF BOILER FOUNDATION	Jul-25	20-07-25	Nov-25	Nov-25
2	START OF BOILER ERECTION	31-03-25	25-02--25	Jul-25	Aug-25
3	BOILER DRUM LIFTING (if sub-critical unit)	-		-	
4	BOILER CEILING GIRDER LIFTING COMPLETION	Aug-25	Aug-25	Dec-25	Dec-25
5	CONDENSER ERECTION START	Dec-25	Dec-25	Apr-26	Apr-26
6	TG ERECTION START	Apr-26	Apr-26	Aug-26	Aug-26
7	HP PIPING ERECTION START	May-26	May-26	Sep-26	Sep-26
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION	Oct-26	Oct-26	Feb-27	Feb-27
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	Dec-26	Dec-26	Apr-27	Apr-27
10	TG BOX UP	Apr-27	Apr-27	Aug-27	Aug-27
11	HP PIPING ERECTION COMPLETION	Apr-27	Apr-27	Aug-27	Aug-27
12	START OF OILFLUSHING	Apr-27	Apr-27	Aug-27	Aug-27
13	BOILER LIGHT UP	May-27	May-27	Sep-27	Sep-27
14	CHEMICAL CLEANING COMPLETION	Jun-27	Jun-27	Oct-27	Oct-27
15	STEAM BLOWING START	Jul-27	Jul-27	Nov-27	Nov-27
16	STEAM BLOWING COMPLETION	Aug-27	Aug-27	Nov-27	Nov-27
17	ROLLING & SYNC.	Sep-27	Sep-27	Jan-28	Jan-28
18	FULL LOAD	Dec-27	Dec-27	Jun-28	Jun-28
19	TRIAL RUN	Jan-28	Jan-28	Jul-28	Jul-28
20	COD	Jan-28	Jan-28	Jul-28	Jul-28

STATUS OF MAIN PLANT PACKAGE (BTG) : M/s BHEL (Supply)								
Sl.	Packages	AREA	UNIT-3			UNIT-4		
			% Completion			% Completion		
1	BOILER	CIVIL	25%			20%		
		STRUCTURE	25%			20%		
		PRESSURE PARTS	25%			20%		
2	TG	CIVIL	24%			18%		
		STRUCTURE	24%			18%		
		TG ERECTION	24%			18%		
3	ESP	UNDER PROGRESS	30%			20%		
4	FGD	CIVIL WORK	22%					
		MATERIAL SUPPLY						
		ERECTION WORK						
STATUS OF BOPs (BHEL-Supply)								
Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency (Supply- BHEL)	Date of Award	Scheduled Date of Completion	Anticipated /Actual Date of Completion	UNIT-3 % Completion	UNIT-4 % Completion	
1	Chimney	M/s Bygging India	05.11.24	Sep-27	Sep-27	28%		
2	Coal Handling Plant	M/s Thyssenkrupp Industries	21.12.24	Nov-.27	Sep-27	11%		
3	Ash Handling Plant	M/s Mecgale	16.11.24	Nov-27	Sep-27	13%		
4	Fuel Oil System	M/s United System	27.01.25	Nov-.27	Sep-27	13%		
5	Cooling Towers	M/s Hamon Cooling System	20.11.24	Nov-.27	Sep-27	19%	19%	
6	CW Pump house	M/s Kirloskar Brothers Ltd.	31.10.24	Sep-27	Sep-27	29%		
7	WPT Plant	M/s Ion Exchange	14.11.24	Jun-27	Jun-27	24%		
8	DM Plant	M/s Ion Exchange	14.11.24	Jun-27	Jun-27	24%		
9	Compressed Air System	M/s Kirloskar Pneumatic Company	13.11.24	Sep-27	Sep-27	13%		
10	Fire Protection System	M/s Johnson Control India	29.01.25	Sep-27	Sep-27	6%		
11	Switch Yard	M/s Godrej & Boyce	.01.10.24	Sep-27	Sep-27	9%		
12	Station Transformers	M/s T&R	08.11.24	Sep-27	Sep-27	9%		
13	Generator Transformers	M/s TBEA	08.11.24	Sep-27	Sep-27	9%		
14	Unit Transformers	M/s T&R	12..11.24	Sep-27	Sep-27	8%		
15	Railway Siding	Under Tendering				0%		
16	Power Evacuation Lines	-	-		-	NA		

CRITICAL ISSUES

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REASONS OF DELAY

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Raigarh USCTPP, Ph-II, Unit#3 & 4 (2x800MW)/ Adani Power Ltd. (PRIVATE SECTOR)

Village Chhote Bhandar, Post Office: Bade Bhandar, Tehsil: Pussore, Raigarh, Chhattisgarh.

E-Gen Portal Registration No. (. Unit-3: 1200004029, Unit -4: 1200004030)

Project Developer / Implementing Agency – Adani Power Ltd.			Main Plant Vendor – M/s BHEL (Supply)		
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual	Trial Run Date	
Unit#3	October 2024	Jan-2028	Jan-2028		
Unit#4		Jul-2028	Jul-2028		
CLEARANCES AND STATIC DATA			FINANCIAL DATA (Fig. in Rs. Crore)		
FUEL TYPE	Coal		ORIGINAL ESTIMATED COST OF THE PROJECT		16000
COAL COMBUSTION TECHNOLOGY	Ultra Supercritical		LATEST ESTIMATED COST		16000
APPROVAL DATE / NTP	M/s BHEL (Supply)		DATE OF FINANCIAL CLOSURE		
EPC/BTG/BoP Contractor Details (Package Wise)	Awarded to BHEL (Supply)		YEAR WISE EXPENDITURE		
PPA					
COAL LINKAGE/FSA					
START UP POWER AGREEMENT					
POWER EVACUATION SYSTEM			20024-25		395
			EXPENDITURE OF Jul’2025		280
			2025-26		1110
			TOTAL EXPENDITURE (upto 31.07.2025)		1505
LAND POSSESSION					
WATER ALLOCATION					
MOEF CLEARANCE					
CIVIL AVIATION CLEARANCE					
CPCB CLEARANCE					
SPCB CLEARANCE					
FOREST CLEARANCE					

Raigarh USCTPP, Ph-II, Unit#3 & 4 (2x800 MW)/ Adani Power Ltd. (PRIVATE SECTOR)

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)					
Sl.	MILESTONE	UNIT-3		UNIT-4	
		Original Date	Actual / Anticipated Date	Original Date	Actual / Anticipated Date
1	COMPLETION OF BOILER FOUNDATION	Nov-25	Nov-25	May-26	May-26
2	START OF BOILER ERECTION	Aug-25	Aug-25	Feb-26	Feb-26
3	BOILER DRUM LIFTING (if sub-critical unit)	-	-	-	-
4	BOILER CEILING GIRDER LIFTING COMPLETION	Mar-26	Mar-26	Sep-26	Sep-26
5	CONDENSER ERECTION START	Jul-26	Jul-26	Jan-27	Jan-27
6	TG ERECTION START	Oct-26	Oct-26	Apr-27	Apr-27
7	HP PIPING ERECTION START	Jan-27	Jan-27	Jul-27	Jul-27
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION	Apr-27	Apr-27	Oct-27	Oct-27
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	Jun-27	Jun-27	Dec-27	Dec-27
10	TG BOX UP	Sep-27	Sep-27	Mar-28	Mar-28
11	HP PIPING ERECTION COMPLETION	Sep-27	Sep-27	Mar-28	Mar-28
12	START OF OILFLUSHING	Sep-27	Sep-27	Mar-28	Mar-28
13	BOILER LIGHT UP	Oct-27	Oct-27	Apr-28	Apr-28
14	CHEMICAL CLEANING COMPLETION	Nov-27	Nov-27	Apr-28	Apr-28
15	STEAM BLOWING START	Oct-27	Oct-27	Apr-28	Apr-28
16	STEAM BLOWING COMPLETION	Nov-27	Nov-27	May-28	May-28
17	ROLLING & SYNC.	Jan-28	Jan-28	Jul-28	Jul-28
18	FULL LOAD	Jan-28	Jan-28	Jul-28	Jul-28
19	TRIAL RUN	Jan-28	Jan-28	Jul-28	Jul-28
20	COD	Jan-28	Jan-28	Jul-28	Jul-28

STATUS OF MAIN PLANT PACKAGE (BTG) : M/s BHEL (Supply)								
Sl.	Packages	AREA	UNIT-3			UNIT-4		
			% Completion			% Completion		
1	BOILER	CIVIL	20%			16%		
		STRUCTURE	20%			16%		
		PRESSURE PARTS	20%			16%		
2	TG	CIVIL	16%			13%		
		STRUCTURE	16%			13%		
		TG ERECTION	16%			13%		
3	ESP	UNDER PROGRESS	26%			26%		
4	FGD	CIVIL WORK	14%					
		MATERIAL SUPPLY						
		ERECTION WORK						
STATUS OF BOPs (BHEL-Supply)								
Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency (Supply-BHEL)	Date of Award	Scheduled Date of Completion	Anticipated /Actual Date of Completion	UNIT-3	UNIT-4	
						% Completion	% Completion	
1	Chimney	M/s Rohan Builders	05.11.24	Jan-28	Jan-28	17%		
2	Coal Handling Plant	Conveyor Package/M/s Bengal Tools Ltd	27.11.24	Jan-28	Jan-28	10%		
		Wagon Tippler/ M/s Bengal Tools Ltd	27.11.24	Jan-28	Jan-28	10%		
		Stacker reclaim package/ M/s Bengal Tools Ltd	27.11.24	Jan-28	Jan-28	10%		
3	Ash Handling Plant	M/s Bengal Tools Ltd	16.10.24	Jan-28	Jan-28	13%		
4	Fuel Oil System	M/s United System	27.01.25	Jan-28	Jan-28	15%		
5	Cooling Towers	M/s Paharpur	27.11.24	Jan-28	Jan-28	14%	14%	
6	CW Pump house	M/s Kirloskar Brothers Ltd	24.12.24	Jan-28	Jan-28	25%		
7	WPT Plant	M/s Ion Exchange	14.11.24	Nov-27	Nov-27	21%		
8	DM Plant	M/s Ion Exchange	14.11.24	Nov-27	Nov-27	21%		
9	Compressed Air System	M/s Kirloskar Pneumatic Comp Ltd	12.09.24	Jan-28	Jan-28	10%		
10	Fire Protection System	M/s Johanson Control India	29.01.25	Jan-28	Jan-28	6%		
11	Switch Yard	M/s Godrej & Boyce	01.10.24	Jan-28	Jan-28	9%		
12	Station Transformers	M/s T&R	26.09.24 26.09.24 12.11.24	Jan-28 Jan-28 Jan-28	Jan-28 Jan-28 Jan-28	10% 10% 7%		
13	Generator Transformers	M/s TEBA						
14	Unit Transformers	M/s T&R						
15	Railway Siding	M/s SRC Company Infra Pvt. Ltd	30.04.24	Nov-27	Nov-27	18%		
16	Power Evacuation Lines					NA		

CRITICAL ISSUES

REASONS OF DELAY

UPPUR STPP, Unit# 1 & 2 (2x800 MW) / TNPGL (STATE SECTOR)

Uppur STPP, Ramnad District - 623503, Tamil Nadu
E-Gen Portal Registration No. (U#1 - NA; U#2 - NA)

Project Developer / Implementing Agency - TNPGL			Main Plant Vendor - M/s BHEL		
Unit No.	LOA		Original Trial Run Date	Anticipated / Actual	Trial Run Date
Unit#1	Feb-2016			On Hold	
Unit#2				On Hold	
CLEARANCES AND STATIC DATA			FINANCIAL DATA (Fig. in Rs. Crore)		
FUEL TYPE	Coal, Indigenous & Imported (MMTC)		ORIGINAL ESTIMATED COST OF THE PROJECT		12778.00
COAL COMBUSTION TECHNOLOGY	Supercritical		LATEST ESTIMATED COST		Not Applicable
APPROVAL DATE / NTP	BGT-SE/E/T & H(P)/OT No. 01/ 2015-16. BOP-SE/E/T&H(P)/OT.No.1/2020-21. SWIOP-SE/C/TP/OT.NO.2/2016-17.		DATE OF FINANCIAL CLOSURE		Financial tie up with M/s. PFC
EPC/BTG/BoP Contractor Details (Package Wise)	Order placed on M/s. BHEL on 27/02/2016.		YEAR WISE EXPENDITURE		
PPA	NOT APPLICABLE. State sector project.		2016-17		16.74
COAL LINKAGE/FSA	Allocated Mine - SCCL (A.P.) to provide coal 3.942 MTPA; Distance from mine - 700 km (non-pithead); Also, MoU entered with M/s. MMTC for supply of imported coal of 5.02 MTPA on dated 25-05-2015.		2017-18		226.62
			2018-19		1594.15
			2019-20		924.32
START UP POWER AGREEMENT	230KV/11 Karaigudi Feeder		2020-21		366.61
POWER EVACUATION SYSTEM	Tx Line Developer	TANTransco	2021-22		
	Tx Line Name Tx Voltage Level	Uppur SCTPP – Virudhunagar, 765 KV, D/C line	2022-23		
	Configuration of Tx Line (S/C or D/C)		EXPENDITURE OF Nov’2024		0
LAND POSSESSION	Land required for the project is under TNGENCO Possession. EPC Contracts awarded to M/s. BHEL & M/S L&T has been suspended as per the NGT(SZ), Chennai Judgment dated 17.03.2021, delivered on Appeal No. 144 of 2016(SZ) filed in the designated court for a period of six months or until further orders.		TOTAL EXPENDITURE (upto 30.11.2024)		3319.62
WATER ALLOCATION	Tamil Nadu Maritime Board has issued NOC for construction of Jetty for drawal and discharge of cooling water, vide 27.4.2015.				
MOEF CLEARANCE	Ministry of Environment and Forest has accorded clearance for the above Project on 18.05.2016.				
CIVIL AVIATION CLEARANCE	Clearance expired on 21.11.2019. Clearance further extended upto 21.11.2024.				
CPCB CLEARANCE	NOT APPLICABLE. State sector project.				
SPCB CLEARANCE	CRZ committee of MOEF recommended the Project on 28.1.16 and MOM published in web site on 8.2.16.				
FOREST CLEARANCE	NOT APPLICABLE				

* NOTE : The EPC contracts awarded to M/s. BHEL & M/S L&T have been suspended as per the NGT(SZ), Chennai Judgment dated 17.03.2021, delivered on Appeal No. 144 of 2016 (SZ) filed in the designated court for a period of six months or until further orders. Considering the issues like NGT order, land litigation, local fishermen litigation and BOP package retendering works, TNGENCO Board vide on 29.04.2021 has accorded approval to shift the existing 2x800 MW Uppur STPP to Udangudi site as 2x800MW Udangudi Stage-III and consider Uppur as a fresh project once all the legal issues in NGT and other places are settled and to approach GOTT for administrative approval. Energy Secretary/GoTN has been addressed vide Letter dtd 10.05.2021 for approval of the above. Further, as informed by TNGENCO, CMD has accorded approval on 27.08.2021 to form a high committee comprising of three directors and four Chief Engineers to re-study the shifting of UPPUR Project. High Level Committee have furnished report on 22.10.2021 and recommended that the 2X800 MW Uppur Project shall be executed at Uppur itself. TNGENCO Board in its 102nd meeting held on 29.10.2021 has directed to obtain opinion from the Consultant M/s. Ernst & Young regarding the viability and feasibility of this project and the same is in progress.

UPPUR STPP, Unit# 1 & 2 (2x800 MW) / TNGENCO (STATE SECTOR)

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)					
Sl.	MILESTONE	UNIT-1		UNIT-2	
		Original Date	Actual / Anticipated Date	Original Date	Actual / Anticipated Date
1	COMPLETION OF BOILER FOUNDATION		Project is on hold.		Project is on hold.
2	START OF BOILER ERECTION	03.06.18		03.06.18	
3	BOILER DRUM LIFTING (if sub-critical unit)	NA		NA	
4	BOILER CEILING GIRDER LIFTING COMPLETION				
5	CONDENSER ERECTION START	23.01.20		23.01.20	
6	TG ERECTION START	19.03.20		19.03.20	
7	HP PIPING ERECTION START	19.12.19		19.12.19	
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION	22.07.19		22.07.19	
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	20.01.20		20.01.20	
10	TG BOX UP	13.02.20		13.02.20	
11	HP PIPING ERECTION COMPLETION	19.12.19		19.12.19	
12	START OF OILFLUSHING	19.03.20		19.03.20	
13	BOILER LIGHT UP	12.02.20		12.02.20	
14	CHEMICAL CLEANING COMPLETION	19.03.20		19.03.20	
15	STEAM BLOWING START	16.04.20		16.04.20	
16	STEAM BLOWING COMPLETION	16.04.20		16.04.20	
17	ROLLING & SYNC.	06.05.20		06.05.20	
18	FULL LOAD	03.06.20		03.06.20	
19	TRIAL RUN	Nov-20		Nov-20	
20	COD	01.02.21		01.02.21	

STATUS OF MAIN PLANT PACKAGE (BTG)							
Sl.	Packages	AREA	UNIT-1		UNIT-2		
			% Completion		% Completion		
1	BOILER	CIVIL	23%		30%		
		STRUCTURE	55%		31%		
		PRESSURE PARTS	1%		0%		
2	TG	CIVIL	Works yet to commence				
		STRUCTURE					
		TG ERECTION					
3	ESP	UNDER PROGRESS	14%		6%		
4	FGD	CIVIL WORK	Contract is yet to be awarded				
		MATERIAL SUPPLY					
		ERECTION WORK					
STATUS OF BOPs							
Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency	Date of Award	Scheduled Date of Completion	Anticipated /Actual Date of Completion	UNIT-01 % Completion	UNIT-02 % Completion
1	Chimney	The contract was short closed due to huge price escalation sought by M/s RIL.				The contract was short closed due to huge price escalation sought by M/s RIL.	The contract was short closed due to huge price escalation sought by M/s RIL.
2	Coal Handling Plant						
3	Ash Handling Plant						
4	Fuel Oil System						
5	Cooling Towers						
6	CW Pump house						
7	WPT Plant						
8	DM Plant						
9	Compressed Air System						
10	Fire Protection System						
11	Switch Yard						
12	Station Transformers						
13	Unit Transformers						
14	Railway Siding						
15	Power Evacuation Lines						

CRITICAL ISSUES

The EPC contracts awarded to M/s. BHEL & M/S L&T have been suspended as per the NGT(SZ), Chennai Judgment dated 17.03.2021, delivered on Appeal No. 144 of 2016(SZ) filed in the designated court for a period of six months or until further orders. Considering the issues like NGT order, land litigation, local fishermen litigation and BOP package retendering works, TANGEDCO Board on 29.04.2021 has accorded approval to shift the existing 2x800 MW Uppur STPP to Udangudi site as 2x800 MW Udangudi Stage-III and consider Uppur as a fresh project once all the legal issues in NGT and other places are settled and to approach GOTN for administrative approval. Energy Secretary/GoTN has been addressed vide Letter dtd 10.05.2021 for approval of the above. Against NGT order, SLP was filed by TANGEDCO in Supreme court on 16.04.2021. Hon'ble Supreme court of India granted stay on the impugned judgment passed by NGT on 01.07.2021. In the review meeting of energy department chaired by Hon'ble Chief Minister on 22.07.2021, it was requested to restudy the shifting of Uppur project considering the energy demand. CMD has accorded approval on 27.08.2021 to form a high level committee comprising of three Directors and four Chief Engineers to restudy the shifting of Uppur Project. TANGEDCO Board in its 102nd meeting held on 29.10.2021 has directed to obtain opinion from the Consultant M/s Ernst & Young regarding the viability and feasibility of this project and the same is in prgress. Consultant has furnished the report on 07.01.22 and recommended "To develop the Project at Uppur site itself" and the same was placed before the TANGEDCO Board in its 105th meeting held on 19.01.2022. The Board Directed to place the subject in the next Board meeting for deliberations. In the next Board meeting held on 19.3.2022, the Board directed to restudy the viability & feasibility of consultant's report submitted.

Action taken to revive and execute/complete the Uppur project "as is where is basis" condition through PPP mode. PO issued to M/s. SBI Capital Markets Ltd, Mumbai on 23.08.24 for Preparation of Detailed Feasibility Report for execution of Uppur Project in PPP mode. A draft DFR has been received from M/s. SBI CAPS and is currently under review.

REASONS OF DELAY

NGT Ordered to stop the work.

ENNORE EXPANSION TPP, Unit# 1 (1x660 MW) / TNGENCO (STATE SECTOR)

Ernavur Village, Tiruvottiyur Taluk, Thiruvallur District, Tamil Nadu

E-Gen Portal Registration No. (U#1 - 1200003521)

Project Developer / Implementing Agency - TNGENCO			Main Plant Vendor - M/s BGRESL (EPC)		
Unit No.	LOA	Original Trial Run Date	Anticipated /	Actual	Trial Run Date
Unit#1	14.07.2014				
CLEARANCES AND STATIC DATA			FINANCIAL DATA (Fig. in Rs. Crore)		
FUEL TYPE	Coal, Indigenous & Imported		ORIGINAL ESTIMATED COST OF THE PROJECT		4956
COAL COMBUSTION TECHNOLOGY	Super Critical		LATEST ESTIMATED COST		7093
APPROVAL DATE / NTP	14.07.2014		DATE OF FINANCIAL CLOSURE		
EPC/BTG/BoP Contractor Details (Package Wise)	M/s BGRESL (EPC) wef June-2022 (earlier this project was awarded to M/s Lanco Infra)		YEAR WISE EXPENDITURE		
PPA	Entire power is to be utilized by TNGENCO		2014-15		239.70
COAL LINKAGE/FSA	Long term coal linkage submitted to Ministry of coal on 08.11.2006 and pending with Ministry of coal. MoU with MMTC on 23.07.2012 for supplying of 2.00 MTPA Imported coal.		2015-16		288.91
			2016-17		
			2017-18		
START UP POWER AGREEMENT			2018-19		
POWER EVACUATION SYSTEM	Tx Line Developer	TANTRANSCO	2019-20		
	Tx Line Name Tx Voltage Level		2020-21		
	Configuration of Tx Line (S/C or D/C)		TOTAL EXPENDITURE (upto 30.11.2024)		821.90 crores
LAND POSSESSION	Own land within the premises of existing ETPS				
WATER ALLOCATION					
MOEF CLEARANCE	MoEF clearance Lr J-13011/62/2008-IA.II(T) dated 18.09.2014				
CIVIL AVIATION CLEARANCE	Airport Authority’s Letter No AAI/20012/1468/2007-ARI(NOC),Dated 16 th May 2008.				
CPCB CLEARANCE					
SPCB CLEARANCE	Tamil Nadu Government GO (4D) No 01 Dated 15.11.2012.				
FOREST CLEARANCE					

ISSUES

The Physical progress and Financial progress of the project carried out by the erstwhile contractor M/s.LITL was 18 percent. The EPC Contract for the completion of balance works of the project in "as is where is basis condition" was awarded to M/s BGRESL.The contract was terminated on 27.02.2024 due to slow progress after realization of BG amount. It has been envisaged to execute the project under PPP mode, considering the present energy scenario. Purchase order issued to SBI CAPS, Mumbai, for Engaging Transaction Advisory Services for the preparation of Feasibility Report for the execution of 1x660MW ETPS Expansion project from "as is where is basis condition" through PPP mode i.e., Public-Private Partnership mode. A draft DFR has been received from M/s SBI CAPS and is currently under review.

ABBREVIATIONS

Abbreviation	Description		
AHP	Ash Handling Plant	NDCT	Natural Draft Cooling Tower
ATT	Air Tightness Test	NLTH	Non Linear Time History
BFP	Boiler Feed Pump	PAF	Project Affected Families
BLU	Boiler Light Up	PA Fan	Primary Air Fan
BOP	Balance of Plant	PPA	Power Purchase Agreement
BTG	Boiler Turbine Generator	ROW	Right Of Way
C&I	Control & Instrumentation	SBO	Steam Blowing Operation
CHP	Coal Handling Plant	SCAPH	Steam Coil Air Pre Heater
COD	Commercial Operation Date	SCR	Selective Catalytic Reduction
CRH	Cold Re Heat	SG	Steam Generator
CST	Condensate Storage Tank	ST	Station Transformer
CW System	Circulating Water System	Synch.	Synchronization
DM Water Plant	De Mineralization Water Plant	TDBFP	Turbine Driven Boiler Feed Pump
EOT	Electric Overhead Travelling	TG	Turbine Generator
EPC	Erection Procurement & Commissioning	WT	Wagon Tippler
ESP	Electro Static Precipitator	UT	Unit Transformer
FD Fan	Forced Draft Fan	GHP	Gypsum Handling Plant
FGD	Flue Gas Desulfurization	LHP	Limestone Handling Plant
FL	Full Load	ARV	Air Release Valve
FO System	Fuel Oil System	WPT	Water Pre Treatment
FSA	Fuel Supply Agreement	ETP	Effluent Treatment Plant
GT	Generator Transformer	CPU/COLTCS	Condensate Polishing Unit/Condenser On Load Tube Cleaning System
HCSD	High Concentrated Slurry Disposal		
HPT	High Pressure Turbine		
HRH	Hot Re Heat		
HT	Hydraulic Test		
ICB	Imported Coal Based		
ID Fan	Induced Draft Fan		
IDCT	Induced Draft Cooling Tower		
LOA	Letter of Award		
MDBFP	Motor Driven Boiler Feed Pump		
MGR	Merry Go Round		
MOEF&CC	Ministry of Environment, Forests & Climate Change		