



**BROAD STATUS REPORT
OF
UNDER CONSTRUCTION
THERMAL POWER PROJECTS
(September' 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.

CONTENTS

Sl. No.	Description	Page No.
	Executive Summary	4-5
1.1	Tentative Thermal Capacity Addition Program for FY 2025-26	6
1.2	Thermal Power Projects (TPPs) under construction in the country	7
1.3	Under construction TPPs where work is on hold / not likely to be commissioned	8-9
BROAD STATUS OF CENTRAL SECTOR PROJECTS		
A	NATIONAL THERMAL POWER CORPORATION LTD. (NTPC Ltd.)	
	Patratu TPS, Distt.- Ramgarh, Jharkhand. [PVUNL (JV of NTPC & Govt. of Jharkhand)]	10-11
	Talcher Thermal Power Project, Distt. – Angul, Odisha	12-13
	Lara Super Thermal Power Project, Distt.- Raigarh, Chhattisgarh	14-15
	Singrauli STPP, St-III, Distt. - Sonebhadra, U.P.	16-17
	Sipat STPP, St-III, Distt – Bilaspur, Chhattisgarh	18-19
	Nabinagar STPP, St-II, Distt – Aurangabad, Bihar	20-21
	Gadarwara STPP, St-II, Distt – Narsinghpur, Madhya Pradesh	22-23
B	NEYVELI LIGNITE CORPORATION LIMITED (NLC Ltd.)	
	Ghatampur TPP, Distt. -Kanpur [NUPPL (JV of NLC & UPRVUNL)]	24-25
	NLC Talabira TPP, Distt.- Sambalpur, Odisha	26-27
C	SATLAJ JAL VIDHUT NIGAM LIMITED (SJVN Ltd)	
	Buxar TPP, Distt. -Buxar, Bihar.	28-29
D	DAMODAR VALLEY COROPORATION (DVC)	
	Koderma TPS, Ph-II Distt. –Koderma, Jharkhand.	30-31
	Raghunathpur TPS, Ph-II, Purulia, West Bengal	32-33
BROAD STATUS OF STATE & PRIVATE SECTOR PROJECTS		
E	Tamil Nadu	
	Ennore SEZ SCTPP, Distt. -Thiruvallur, [TNGENCO]	34-35
	North Chennai TPP St-III, Distt.-Thiruvallur, [TNGENCO]	36-37
	Udangudi STPP, Distt.-Thoothukudi, [TNGENCO]	38-39
F	Telangana	
	Yadadri TPS (TSGENCO), Distt.- Nalgonda, [TGGENCO]	40-42
	Singareni TPP, Ph-II, Distt- Mancherla, [SCCL]	43-44
G	West Bengal	
	Sagardighi TPP, Distt.-Murshidabad, [WBPDC]	45-46
H	Haryana	
	DCR ExtnDCR. TPP, Distt.-YamunaNagar, [HPGCL]	47-48
I	Gujarat	
	Ukai SCTPP, Distt.Ukai Tapi, Gujarat [GSECL]	49-50
J	Maharashtra	
	Koradi TPS, St-V, Distt. Nagpur [MSPGCL]	51-52
K	Chhattisgarh	
	Korba West SCTPP, Distt. Korba [CSPGCL]	53-54
L	Adani Power Ltd.	
	Mahan Ultra Supercritical TPP, Ph-II, Distt. Singrauli, M. P. [Mahan Energen Ltd]	55-56
	Mahan Ultra Supercritical TPP, Ph-III, Distt. Singrauli, M. P. [Mahan Energen Ltd]	57-58
	Raipur Ext TPP, Ph-II, Distt Raipur [Adani Power]	59-60
	Raigarh USCTPP, Ph-II, Distt. Raigarh [Adani Power]	61-62
M	On Hold Under-Construction TPPs	
	Uppur SCTPP, Distt. -Ramanathapuram, [TNGENCO]	63-64
	Ennore Exp. TPP (1x660 MW), Distt- Thiruvallur, [TNGENCO]	65

EXECUTIVE SUMMARY

I. All India Installed Capacity (MW)*

Sector	Thermal					Nuclear	Hydro	RES	Grand total
	Coal	Lignite	Gas	Diesel	Total				
State	73388	1150	6971	280	81789	0	27454	2629	111873
Private	72961	1830	5924	309	81023	0	5611	185277	271911
Central	71110	3640	7238	0	81988	8780	17043	9295	117106
Total	217458	6620	20132	589	244800	8780	50108	197201	500889
% of Gr. Total	43.41%	1.32%	4.02%	0.12%	48.87%	1.75%	10.00%	39.37%	100.00%

*Compiled from Installed Capacity Report on CEA's website (as on 30.09.2025).

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

(as on 30.09.2025)

FY	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	Total (MW)
Central	4240	800	2120	3860	7860	800	19680
State	5180	1320	0	800	4240	0	11540
Private	0	800	2400	1600	1600	0	4800
Total	9420	2920	4520	6260	13700	800	37620*

*Two projects of TNPCL 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 30.09.2025)

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 [26]	19680	0	0	12 [26]	19680
State	10 [16]	11540	0	0	10 [16]	11540
Private	4 [8]	6400	0	0	4 [8]	6400
Total	26 [50]	37620	0	0	26 [50]	37620*

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.

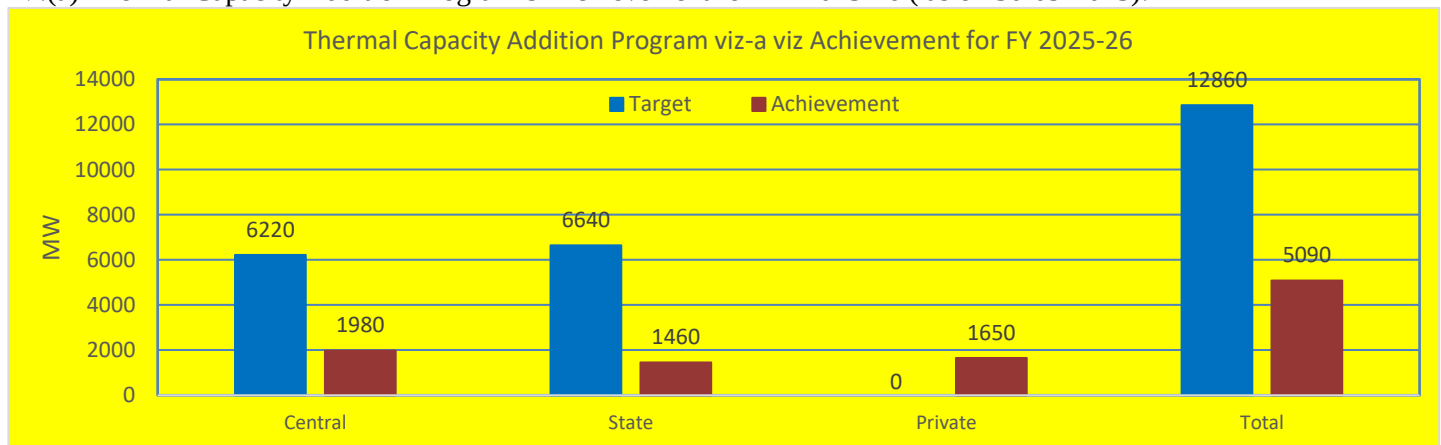
Out of total 26 Supercritical Thermal projects, 16 projects (32 units) of total capacity 25,040 MW are based on Ultra Super critical technology. Sector wise details are as under-

10 projects (22 units) of capacity 17040 MW in Central sector of, 2 projects (2 units) of capacity 1600 MW in State sector and 4 projects (8 units) of capacity 6400 MW in Private sector. The details of these projects are given in Table 1.2.

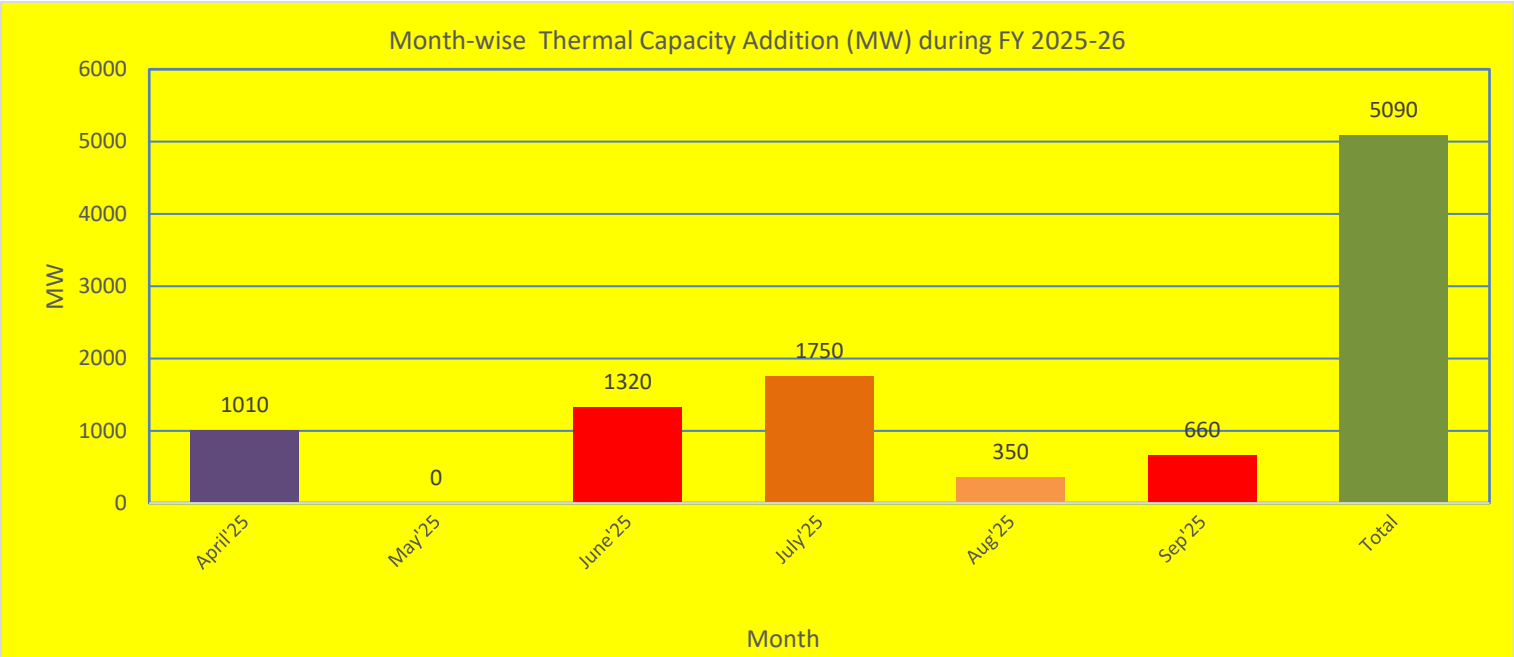
IV. Sector-wise Thermal Capacity Addition during last five years :

Sector	FY:2020-21		FY:2021-22		FY:2022-23		FY:2023-24		FY:2024-25	
	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 30-09-2025):



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



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

(as on 30.09.2025)

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	Oct-2025		
4	Patratu STPP	PVUNL	Jharkhand	SG-BHEL (EPC) TG-BHEL (EPC)	U-1	800	Jun-2025	Oct-2025		
5	Ghatampur TPP	NUPPL	Uttar Pradesh	SG-L&T-MHI TG-GE	U-2	660	Jul-2025	Nov-2025		
6	Khurja SCTPP	THDC	Uttar Pradesh	SG-L&T-MHI TG-BHEL	U-2	660	Jul-2025	Sept-2025	660	22-09-2025
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	Mar-2026		
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)	4240 (6)	1980 (3)	
STATE SECTOR										
10	North Chennai TPP St-III	TNPGCL	Tamil Nadu	SG-BHEL TG-BHEL	U-6	800	Apr-2025	Oct-2025		
11	Yadadri TPS	TGGENCO	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	Nov-2025		
14	Udangudi STPP St-I	TNPGCL	Tamil Nadu	SG-BHEL (EPC) TG-BHEL (EPC)	U-1	660	Jul-2025	Nov-2025		
15	Yadadri TPS	TGGENCO	Telangana	SG-BHEL (EPC) TG-BHEL (EPC)	U-4	800	Aug-2025	Oct-2025		
16	Udangudi STPP St-I	TNPGCL	Tamil Nadu	SG-BHEL (EPC) TG-BHEL (EPC)	U-2	660	Oct-2025	Mar-2026		
17	Yadadri TPS	TGGENCO	Telangana	SG-BHEL (EPC) TG-BHEL (EPC)	U-3	800	Oct-2025	Dec-2025		
18	Yadadri TPS	TGGENCO	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)	3440 (5)	

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, Ph-II	M/s Meenakshi Energy Ltd	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
4	Thamminapatnam TPP, Ph-II	M/s Meenakshi Energy Ltd	Andhra Pradesh	TG: Harbin China SG: Cethar Vessels	U-4	-	-	-	350	21-08-2025
Total Additional Capacity			No. of Units : 4			-	-	-	1650 (4)	

1.2 Under Construction Thermal Power Projects in the Country:

(as on 30.09.2025)

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	Oct-25	99%	10439	14390	12449
								U-2	660	Sep-23	Dec-25	96%			
2	Lara STPP St-II	Chhattisgarh	NTPC	BHEL	BHEL	Ultra Supercritical	Aug-23	U-1	800	Dec-27	Dec-27	20%	15530	15530	2772
								U-2	800	Jun-28	Jun-28	11%			
3	Sipat STPP St-III	Chhattisgarh	NTPC	BHEL	BHEL	Ultra Supercritical	Sep-24	U-1	800	Sep-29	Sep-29	17%	9791	9791	826
4	Patratu STPP	Jharkhand	PVUNL	BHEL	BHEL	Ultra Supercritical	Mar-18	U-1	800	Jan-22	Oct-25	82%	17112	20302	17861
								U-2	800	Jul-22	Mar-26	76%			
								U-3	800	Jan-23	Jul-26	71%			
5	Singrauli STPP, St-III	Uttar Pradesh	NTPC	BHEL	BHEL	Ultra Supercritical	Mar-24	U-1	800	May-29	May-29	18%	17195	17195	2247
								U-2	800	Feb-30	Feb-30	17%			
6	Gadarwara STPP St-II	Madhya Pradesh	NTPC	L&T	L&T	Ultra Supercritical	Mar-25	U-3	800	Sep-29	Sep-29	0%	20446	20446	904
								U-4	800	Mar-30	Mar-30	0%			
7	Talcher TPP St-III	Odisha	NTPC	BHEL	BHEL	Ultra Supercritical	Sep-22	U-1	660	Nov-26	Sep-27	39%	11844	12543	4573
								U-2	660	May-27	Dec-27	21%			
8	NLC Talabira TPP	Odisha	NLC	BHEL	BHEL	Ultra Supercritical	Jan-24	U-1	800	Jan-29	Mar-29	0%	19422	27213	2177
								U-2	800	Jun-29	Sep-29	0%			
								U-3	800	Dec-29	Mar-30	0%			
9	Ghatampur TPP	Uttar Pradesh	NUPPL	L&T MHPS	GE Power system	Supercritical	Aug-16	U-2	660	Nov-20	Nov-25	98%	17238	21781	20417
								U-3	660	May-21	Mar-26	91%			
10	Koderma TPS, Ph-II	Jharkhand	DVC	BHEL	BHEL	Ultra Supercritical	Nov-24	U-1	800	Aug-28	Aug-28	0%	14358	14358	1132
								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	1759
								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-3	660	Dec-28	Dec-28	0%	17673	17673	1193
								U-4	660	Apr-29	Apr-29	0%			
Total Central Sector									19680				200996	221170	68312
STATE SECTOR															
1	Ennore SCTPP	Tamil Nadu	TANGEDCO	BHEL	BHEL	Supercritical	Sep-14	U-1	660	Jan-18	Sep-26	79%	9800	19585	11995
								U-2	660	Mar-18	Nov-26	78%			
2	North Chennai TPP St-III	Tamil Nadu	TANGEDCO	BHEL	BHEL	Supercritical	Jan-16	U-1	800	Oct-19	Oct-25	96%	6376	11158	10337
3	Udangudi STPP St-I	Tamil Nadu	TANGEDCO	BHEL	BHEL	Supercritical	Dec-17	U-1	660	Jan-21	Nov-25	96%	13077	15077	13255
								U-2	660	Mar-21	Mar-26	95%			
4	Sagardighi TPP St-III	West Bengal	WBPCL	BHEL	BHEL	Supercritical	Dec-18	U-5	660	Jan-24	Nov-25	95%	3863	4567	2749
5	Yadadri TPS	Telangana	TSGENCO	BHEL	BHEL	Supercritical	Oct-17	U-3	800	Apr-23	Dec-25	95%	29965	36132	31999
								U-4	800	May-23	Oct-25	94%			
								U-5	800	Jun-23	Mar-26	93%			
6	DCRTPP Extn.	Haryana	HPGCL	BHEL	BHEL	Ultra Supercritical	Feb-24	U-3	800	Sep-29	Sep-29	0%	6900	6900	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	612
								U-2	660	Jan-30	Jan-30	0%			
Total State Sector									11540				125606	156665	72461
PRIVATE SECTOR															
1	Mahan STPP, Ph-II	Madhya Pradesh	Mahan Energen Ltd	BHEL (Supply)	BHEL (Supply)	Ultra Supercritical	Aug-23	U-1	800	Nov-26	Dec-26	60%	15530	15530	5170
								U-2	800	May-27	May-27	54%			
2	Raipur Ext TPP Ph-II	Chhattisgarh	Adani Power	BHEL (Supply)	BHEL (Supply)	Ultra Supercritical	Jun-24	U-3	800	Sep-27	Jan-28	0%	16000	16000	2213
								U-4	800	Jan-28	Jul-28	0%			
3	Raigarh USCTPP, St-II	Chhattisgarh	Adani Power	BHEL (Supply)	BHEL (Supply)	Ultra Supercritical	Oct-24	U-2	800	Jan-28	Jan-28	0%	16000	16000	1905
								U-3	800	Jul-28	Jul-28	0%			
4	Mahan STPP, Ph-III	Madhya Pradesh	Mahan Energen Ltd	BHEL (Supply)	BHEL (Supply)	Ultra Supercritical	Nov-24	U-5	800	Aug-29	Aug-29	0%	16000	16000	756
								U-6	800	Feb-30	Feb-30	0%			
Total Private Sector									6400				47530	47530	9288
Grand Total									37620				374132	425365	150061

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

(As on 30.09.2025)

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	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					
3	Chhattisgarh	Akalara TPP (Naiyara) / KSK Mahandi Power Company Ltd. Boiler- SEPCO CHINA (Shanghai china) / TG- SEPCO (Dongfong 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					
4	Chhattisgarh	Binjkote TPP/ SKS Power Generation (Chhattisgarh) Ltd. Boiler-Cethar Vessels (Turbine-Harbin China)	Mar-11	U-3	300	Mar-14	Sarda Energy & Minerals acquired this project through 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					
5	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 on 21-08-2024. The project is likely to be commissioned during 2025-26. (U#3: Dec-2025, U#4: Feb-2026)	6886	10815.24	9537.79	Dec- 16
			Nov-09	U-4	660	Mar-12					
6	Chhattisgarh	Singhitarai TPP / Athena Chhattisgarh Power Ltd. BTG -DEC china	Dec-09	U-2	600	Feb-15	Vedanta Ltd. has bought this plant under NCLT route. 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
7	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
8	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
9	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					
10	Jharkhand	Matrishri Usha TPP, Ph-II / Corporate Power Ltd. EPC-BHEL	Mar-11	U-3	270	Oct-12		3182	3182	2207	Sep- 12
			Mar-11	U-4	270	Jan-13					
11	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					
12	Jharkhand	Tori TPP Ph-II / Essar Power Ltd./ BTG- Harbin China	Feb-10	U-3	600	Dec-15		2500	2500	246.65	Mar- 15
13	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 be carried out.	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					
	Maharashtra	Nasik TPP Ph-II / Ratan India Nasik Power Pvt. Ltd. BTG-	Nov-09	U-1	270	Apr-13					
			Nov-09	U-2	270	Jun-13					
			Nov-09	U-3	270	Aug-13					

14		BHEL	Nov-09	U-4	270	Oct-13		6789	6789	711.81	Mar- 15
			Nov-09	U-5	270	Dec-13					
15	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					
16	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					
17	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
18	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					
19	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					
20	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 Oct'-2025.	5093	6330	5329.75	Dec- 14
			Jun-10	U-2	525	Feb-13					
21	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
22	West Bengal	Hiranmaye Energy Ltd. (India)Power 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:22, No. of Units:47]					21405						
GRAND TOTAL [No. of Projects: 24, No. of Units: 49]					21905						

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		Oct-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	1314.86	
COAL LINKAGE/FSA	12 MTPA for Ph-I from Banhardih Coal Mine at a distance of about 110 km. Banhardih Coal Mine transferred to PVUNL vide deed of adherence signed on 02.06.2017.		2017-18	797.65	
	Bridge allocation granted by SLC(LT) upto 24-06-2024; Allocation from CCL; Coal quantity quantified is 9.17 MTPA.		2018-19	921.21	
START UP POWER AGREEMENT	Through 7.5 kms Transmission line: Patratu-Patratu (Main Plant to Katia Substation) D/C Line		2019-20	1628.36	
POWER EVACUATION SYSTEM	Tx Line Developer	JUSNL	2020-21	2447.16	
	Tx Line Name Tx Voltage Level	i)Patratu (PVUNL) –Patratu, 400 kV D/C line (7.5 km).	2021-22	2835.67	
		ii) Patratu STPP-Koderma, 400 KV D/C Line (160 Km).	2022-23	817.44	
		iii) Patratu STPP-Chandil, 400 KV D/C Line (150 Km).	2023-24	2761.10	
	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 SEPT-25		385.87
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	1065.39	
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 30.09.2025)		17,860.52
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	96%	82%	72%				
2	START OF BOILER ERECTION	May-19	Aug-19	Nov-19	Dec-19	May-20	Jan-21			STRUCTURE	93%	88%	64%				
3	BOILER DRUM LIFTING (if sub-critical unit)	NA		NA		NA				PRESSURE PARTS	99%	97%	58%				
4	BOILER CEILING GIRDER LIFTING COMPLETION	Feb-20	Mar-21	Aug-20	May-21	Feb-21	Jan-22	2	TG	CIVIL	77%	70%	33%				
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	3	ESP	UNDER PROGRESS	93%	95%	93%				
7	HP PIPING ERECTION START	Jul-20	Sept-22	Jan-21	Jun-23	Jul-21	Jul-25			CIVIL WORK	21%	83%	71%				
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION	Jan-21	Mar-23	Jul-21	Aug-23	Jan-22	Feb-26	4	FGD	MATERIAL SUPPLY	21%	83%	45%				
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	Jun-21	Apr-24	Dec-21	05.06.25	Jun-22	Apr-26			ERECTION WORK	21%	0%	0%				
10	TG BOX UP	May-21	Mar-23	Nov-21	Mar-24	May-22	Jun-26	STATUS OF BOPs (BHEL - EPC)									
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									
						% Completion	% Completion	% Completion									
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%	90%	86%									
2	Coal Handling Plant	BHEL PSWR BHEL PSWR – Wagon Tippler BHEL PSWR – Stacker Reclaimer	12.01.2020 15.10.2020 09.06.2021	08.08.2021 27.07.2021 23.06.2022	Mar-26 Mar-26 Mar-26	96%											
3	Ash Handling Plant	BHEL PSWR	15.10.2019	08.12.2021	Mar-26	87%											
4	Fuel Oil System	BHEL PSWR	07.10.2020	08.06.2021	Mar-26	100%											
5	ACC	BHEL	08.04.2022	14.10.2021	Mar-26	99%	31%	92 %									
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	99% 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	82%											
13	Unit Transformers	BHEL Jhansi		17.02.2021	Mar-26	99%											
14	Railway Siding	PMC Contractor-M/s RITES	02.12.2019	01.04.22	Mar-26	80% (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#3)
- Non-availability of encumbrance free land for Ash Mound
- Inadequate mobilization by BHEL.
- Readiness of Power evacuation system by JUSNL for Unit# 2 & Unit#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 / Actual Date	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 SEPT-25	412.9	
	Configuration of Tx Line (S/C or D/C)	ISTS - D/C STU – S/C	2025-26	1462.06	
	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 30.09.2025)	4574.58
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	Oct-25	Nov-24	Nov-25
6	TG ERECTION START	Aug-24	24.09.25	Dec-24	Feb-26
7	HP PIPING ERECTION START	Aug-24	Oct-25	Dec-24	Oct-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	48%	39%			
		PRESSURE PARTS	30%	1%			
2	TG	CIVIL	80%	70%			
		STRUCTURE	39%	19%			
		TG ERECTION	0%	0%			
3	ESP	UNDER PROGRESS	69%	64%			
4	FGD	CIVIL WORK	31%	2%			
		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)	16%	
		Track Hopper- BHEL	Sep-22	NA	Jan-26 (U1) May-26 (U2)	16%	
		Stacker Reclaimer - BHEL	Sep-22	Jan-26	Jan-26 (U1) May-26 (U2)	16%	
3	Ash Handling	BHEL	Sep-22	Apr-26	Apr-26 (U1) Aug-26 (U2)	13%	
4	Fuel Oil System	BHEL	Sep-22	Nov-25	Nov-25 (U1) Mar-26 (U2)	59%	0%
5	Cooling Towers	BHEL	Sep-22	Dec-25	Dec-25 (U1) Apr-26 (U2)	40%	34%
6	CW Pump House and Piping	BHEL	Sep-22	Nov-25	Nov-25 (U1) Mar-26 (U2)	66%	0%
7	WPT Plant	BHEL	Sep-22	Sep-25	Oct-25 (U1) Jan-26 (U2)	10%	0%
8	DM Plant	BHEL	Sep-22	Nov-25	Jul-25 (U1) Nov-25 (U2)	6%	0%
9	Compressed Air System	BHEL	Sep-22	Dec-25	Dec-25 (U1) Apr-26 (U2)	2%	0%
10	Fire Protection System	BHEL	Sep-22	Aug-26	Aug-26 (U1) Dec-26 (U2)	8%	0%
11	Switch Yard	BHEL	Sep-22	Mar-26	Mar-26 (U1) Jul-26 (U2)	17%	
12	Station Txer	BHEL	Sep-22	Apr-25	Apr-26 (U1) Aug-26 (U2)	20%	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	BITES	Dec-22	Jul-26	Jun-25 (U1) Jun-25 (U2)	12%	0%
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		
			2022-23	251.92	
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		2023-24	469.20	
			2024-25	1021.83	
COAL LINKAGE/FSA	7 MMTPA coal from Talaipalli Coal block allocated to NTPC		EXPENDITURE OF SEPT-25	221	
START UP POWER AGREEMENT	From existing stage I, 400 kV switchyard.		2025-26	1029.54	
POWER EVACUATION SYSTEM	Tx Line Developer	To be finalised	TOTAL EXPENDITURE (upto 30.09.2025)		
	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	Jan-25		Aug-25	
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	Nov-2025	Feb-2026	Apr-2026
5	CONDENSER ERECTION START	Oct-2025	Dec-2025	Apr-2026	April-2026
6	TG ERECTION START	Nov-2025	Jan-2026	May-2026	May-2026
7	HP PIPING ERECTION START	Sept-2025	Nov-2025	Mar-2026	May-2026
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION	Oct-2026	Oct-2026	Apr-2027	Apr-2027
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	29%	12%			
		PRESSURE PARTS	0%	0%			
2	TG	CIVIL	81%	55%			
		STRUCTURE	16%	0%			
		TG ERECTION	0%	0%			
3	ESP	UNDER PROGRESS	31%	28%			
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	0%	0%
2	Coal HandlingPlant	Conveyor Package -	Aug'23	U#1-Dec26 U#2-Apr27	U#1-Dec26 U#2-Apr27	12%	0%
		Stacker Reclaimer -	NA	NA	NA	NA	NA
		Track Hopper	Aug'23	U#1-Dec26 U#2-Apr27	U#1-Dec26 U#2-Apr27	12%	0%
3	Ash Handling	BHEL	Aug'23	U#1-Feb27 U#2-Jun27	U#1-Feb27 U#2-Jun27	5%	0%
4	Fuel Oil System	BHEL	Aug'23	U#1-Oct26 U#2-Feb27	U#1-Oct26 U#2-Feb27	3%	0%
5	Cooling Towers	BHEL	Aug'23	U#1-Sep26 U#2-Jan27	U#1-Sep26 U#2-Jan27	15%	15%
6	CW Pump	BHEL	Aug'23	U#1-Sep26 U#2-Jan27	U#1-Sep26 U#2-Jan27	34%	0%
7	WPT Plant	BHEL	Aug'23	U#1-Aug26 U#2-Dec26	U#1-Aug26 U#2-Dec26	3%	0%
8	DM Plant	BHEL	Aug'23	U#1-Jun26 U#2-Oct26	U#1-Jun26 U#2-Oct26	1%	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	13%	0%
12	Station Txer	BHEL	Aug'23	U#1-Feb26 U#2-Jun26	U#1-Feb26 U#2-Jun26	50%	40%
13	Unit Txer	BHEL	Aug'23	U#1-Apr27 U#2-Aug27	U#1-Apr27 U#2-Aug27	40%	40%
14	Railway Siding	RTES	Application filed to Railways for FR approval			0%	0%
15	Power evacuation	Umbrella MoU done with Power Grid					

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 SEPT-25	502.46
POWER EVACUATION SYSTEM	400 KV D/C between VSTPP-V to Singrauli-III with Quad Moose conductor.	2025-26	903.94
LAND POSSESSION	Land is available and in possession.	TOTAL EXPENDITURE (up to 30.09.2025)	2,247.04
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	07.06.25	Aug-26	20.09.25	1	BOILER	CIVIL	95%	95%			
								STRUCTURE	5%	0%			
								PRESSURE PARTS	0%	0%			
2	Start Of Boiler Erection	Nov-25	17.07.25	Aug-26	Aug-26	2	TG	CIVIL	78%	30%			
								STRUCTURE	0%	0%			
								TG ERECTION	0%	0%			
3	Boiler Ceiling Girder Lifting Completion	Mar-26	Mar-26	Dec-26	Dec-26	3	ESP	UNDER PROGRESS	35%	62%			
4	Condenser Erection Start	Oct-26	Oct-26	Jul-27	Jul-27	4	FGD	CIVIL WORK	0%	0%			
5	TG Erection Start	Nov-26	Nov-26	Aug-27	Aug-27			MATERIAL SUPPLY	0%	0%			
6	HP Piping Erection Start	Jun-26	Jun-26	Mar-27	Mar-27			ERECTION WORK	0%	0%			
7	Boiler Hydro Test (Drainable) Completion	Sep-27	Sep-27	Jun-28	Jun-28	STATUS OF BOPs							
8	Boiler Hydro Test (Non-Drainable) Completion	Nov-27	Nov-27	Aug-28	Aug-28	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
9	TG BOX UP	Mar-28	Mar-28	Dec-28	Dec-28	1	Chimney	M/s Kanwar	29.10.24	U#8-Aug-28 U#9-May-29	U#8-Aug-28 U#9-May-29	20%	20%
10	HP Piping Erection Completion	May-28	May-28	Feb-29	Feb-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%
11	Start Of Oil Flushing	Apr-28	Apr-28	Jan-29	Jan-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%
12	Boiler Light Up	May-28	May-28	Feb-29	Feb-29			Stacker Reclaimer - ISGEC	25.09.24	Aug-28	Aug-28	0%	0%
13	Chemical Cleaning Completion	Jun-28	Jun-28	Mar-29	Mar-29	3	Ash Handling Plant	To be awarded		Apr-29	Apr-29	0%	0%
14	Steam Blowing Start	Aug-28	Aug-28	May-29	May-29	4	Fuel Oil System			Jul-28	Jul-28	0%	0%
15	Steam Blowing Completion	Sep-28	Sep-28	Jun-29	Jun-29	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	30%	35%
16	Rolling & Sync.	Mar-29	Mar-29	Dec-29	Dec-29	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	2%	3%
17	Full Load	Apr-29	Apr-29	Jan-30	Jan-30	7	WPT Plant			U#8-May-28 U#9-Sep-28	U#8-May-28 U#9-Sep-28	0%	0%
18	Trial Run	May-29	May-29	Feb-30	Feb-30	8	DM Plant			U#8-Dec-27 U#9-Mar-28	U#8-Dec-27 U#9-Mar-28	15%	15%
19	COD	Jun-29	Jun-29	Mar-30	Mar-30	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	1%	1%
						12	Station Transformers			U#8-Aug-27 U#9-Jan-28	U#8-Aug-27 U#9-Jan-28	2%	2%
						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 SEPT-25	112.57
POWER EVACUATION SYSTEM	Connectivity granted at existing Stage-I & II generation 765 kV switchyard	2025-26	187.13
LAND POSSESSION	Land is available and in possession.	TOTAL EXPENDITURE (Upto 30.09.2025)	₹ 826.12
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	Jan-26	Jan-26	1	BOILER	CIVIL		95%		
2	Start Of Boiler Erection	Jan-26	Jan-26			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		86%		
5	TG Erection Start	Feb-27	Feb-27			STRUCTURE		0%		
6	HP Piping Erection Start	Mar-27	Mar-27	3	ESP	UNDER PROGRESS		61%		
7	Boiler Hydro Test (Drainable) Completion	Jan-28	Jan-28			CIVIL WORK		0%		
8	Boiler Hydro Test (Non-Drainable) Completion	Aug-28	Aug-28	4	FGD	MATERIAL SUPPLY		0%		
9	TG BOX UP	Dec-28	Dec-28			ERECTION WORK		0%		
10	HP Piping Erection Completion	Sep-28	Sep-28	Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency (DPSI)	Date of Award	Scheduled Date of Comp.	Ant/ Actual Date of Comp.	UNIT-6
11	Start Of Oil Flushing	Feb-29	Feb-29	1	Chimney	M/s BHEL		Mar-28	Mar-28	5%
12	Boiler Light Up	Sep-28	Sep-28							1%
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							0%
15	Steam Blowing Completion	Apr-29	Apr-29	3	Ash Handling Plant	M/s BHEL		Feb-28	Feb-28	0%
16	Rolling & Sync.	Jul-29	Jul-29	4	Fuel Oil System	M/s BHEL		Jan-28	Jan-28	0%
17	Full Load	Aug-29	Aug-29	5	Cooling Towers	M/s AS Cooling	18.03.25	Sep-27	Sep-27	1%
18	Trial Run	Sep-29	Sep-29	6	CW Pump house	M/s BHEL		Jun-27	Jun-27	2%
19	COD	Oct-29	Oct-29	7	WPT Plant	M/s BHEL		Sep-27	Sep-27	0%
				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.
- Delay in Supply of Boiler structure material and Main Power House Columns.

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 Sept-25	392.3
START UP POWER AGREEMENT	Proposed to be drawn from existing Nabinagar STPS Stage-I 400kV switchyard.	2025-26	1,278.23
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 30.09.2025)	1,759.17
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	4	FGD	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			ERECTION WORK	0%	0%	0%				
11	Start Of Oil Flushing	Jun-28	Jun-28	Dec-28	Dec-28	Jun-29	Jun-29	STATUS OF BOPS									
12	Boiler Light Up	Nov-28	Nov-28	May-29	May-29	Nov-29	Nov-29	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	
13	Chemical Cleaning Completion	Dec-28	Dec-28	Jun-29	Jun-29	Dec-29	Dec-29	1	Chimney	To be awarded				0%	0%	0%	
14	Steam Blowing Start	Jan-29	Jan-29	Jul-29	Jul-29	Jan-30	Jan-30	2	Coal Handling Plant	Tata Projects Ltd	Jul-25	Mar-29	Mar-29	0%	0%	0%	
15	Steam Blowing Completion	Feb-29	Feb-29	Aug-29	Aug-29	Feb-30	Feb-30							0%	0%	0%	
16	Rolling & Sync.	Apr-29	Apr-29	Oct-29	Oct-29	Apr-30	Apr-30							0%	0%	0%	
17	Full Load	Jun-29	Jun-29	Dec-29	Dec-29	Jun-30	Jun-30	3	Ash Handling Plant	To be awarded				0%	0%	0%	
18	Trial Run	Jul-29	Jul-29	Jan-30	Jan-30	Jul-30	Jul-30	4	Fuel Oil System	To be awarded				0%	0%	0%	
19	COD	Aug-29	Aug-29	Feb-30	Feb-30	Aug-30	Aug-30	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

Gadarwara STPP, St-II, Unit#3 & 4 (2X800 MW) / NTPC (CENTRAL SECTOR)				
NTPC Gadarwara, Chor Barhata, Narsinghpur, Madhya Pradesh 487441				
E-Gen Portal Registration No. (U#3 – 1200004049, U#4 – 1200004050)				
Project Developer / Implementing Agency -NTPC		Main Plant Vendor - M/S L&T (BTG)		
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual Date	Trial Run
Unit#3	28-05-2025	Sept-29	Sept-29	
Unit#4		Mar-30	Mar-30	
CLEARANCES AND STATIC DATA			FINANCIAL DATA (Fig. in Rs. Crore)	
FUEL TYPE	Coal, Non-Pithead		ORIGINAL ESTIMATED COST OF THE PROJECT	20446.00
COAL COMBUSTION TECHNOLOGY	Ultra-Supercritical		LATEST ESTIMATED COST	20446.00
APPROVAL DATE / NTP	05.11.2024 (Investment Approval)/28.05.2025 (NTP)		DATE OF FINANCIAL CLOSURE	05.11.2024
PPA	PPA signed with Madhya Pradesh, Maharashtra, Gujarat, Chhattisgarh and Goa		YEAR WISE EXPENDITURE	
COAL LINKAGE/FSA	SLC-LT granted coal linkage during meeting on 03.01.2024 (6.8 MTPA)		EXPENDITURE OF Sept’25	115.86
			2025-26	903.70
			TOTAL EXPENDITURE (up to 30.09.25)	903.70
START UP POWER AGREEMENT	Proposed to be drawn from existing Gadarwara STPS Stage-I 765kV switchyard			
POWER EVACUATION SYSTEM	Connectivity applied. Meeting held on 27.05.25. Minutes awaited			
LAND POSSESSION	Land is available and in possession.			
WATER ALLOCATION	20 Cusecs from Narmada River.			
MOEF CLEARANCE	Available vide MoEF&CC Letter dated 28.05.2025			
CIVIL AVIATION CLEARANCE	Available vide AAI Letter dated 10.05.2024			
CPCB CLEARANCE	Not Applicable			
SPCB CLEARANCE	Available			
FOREST CLEARANCE	Not Applicable			

Gadarwara STPP, St-II, Unit#3 & 4 (2X800 MW) / NTPC (CENTRAL SECTOR)

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)

Sl.	Milestone	UNIT-03		UNIT-04	
		Original Date of Completion	Actual / Anticipated Date of Completion	Original Date of Completion	Actual / Anticipated Date of Completion
1	Completion Of Boiler Foundation	Jul-26	Jul-26	Jan-27	Jan-27
2	Start Of Boiler Erection	Jul-26	Jul-26	Jan-27	Jan-27
3	Boiler Ceiling Girder Lifting Completion	Jul-27	Jul-27	Nov-27	Nov-27
4	Condenser Erection Start	Apr-28	Apr-28	Mar-28	Mar-28
5	TG Erection Start	Aug-27	Aug-27	Feb-28	Feb-28
6	HP Piping Erection Start	May-28	May-28	Mar-28	Mar-28
7	Boiler Hydro Test (Drainable) Completion	May-28	May-28	Nov-28	Nov-28
8	Boiler Hydro Test (Non-Drainable) Completion	Jul-28	Jul-28	Jan-29	Jan-29
9	TG BOX UP	Aug-28	Aug-28	Feb-29	Feb-29
10	HP Piping Erection Completion	Jan-29	Jan-29	Mar-29	Mar-29
11	Start Of Oil Flushing	May-28	May-28	Oct-28	Oct-28
12	Boiler Light Up	Jan-29	Jan-29	Jul-29	Jul-29
13	Chemical Cleaning Completion	Jan-29	Jan-29	Jul-29	Jul-29
14	Steam Blowing Start	Mar-29	Mar-29	Sep-29	Sep-29
15	Steam Blowing Completion	Apr-29	Apr-29	Oct-29	Oct-29
16	Rolling & Sync.	Jun-29	Jun-29	Dec-29	Dec-29
17	Full Load	Aug-29	Aug-29	Feb-30	Feb-30
18	Trial Run	Sep-29	Sep-29	Mar-30	Mar-30
19	COD	Sep-29	Sep-29	Mar-30	Mar-30

STATUS OF MAIN PLANT PACKAGE (BTG) – L&TMHI

SI	PACKAGE	AREA	UNIT-03	UNIT-04
1	BOILER	CIVIL	3%	0%
		STRUCTURE	0%	0%
		PRESSURE PARTS	0%	0%
2	TG	CIVIL	2%	0%
		STRUCTURE	0%	0%
3	ESP	UNDER PROGRESS	1%	0%
4	FGD	CIVIL WORK	0%	0%
		MATERIAL SUPPLY	0%	0%
		ERECTION WORK	0%	0%

STATUS OF BOPs

Sl.	Packages/ Linked Project Milestones	Vendor/Contr acting Agency (DPSI)	Date of Award	Scheduled Date of Comp.	Ant/ Actual Date of Comp.	UNIT-03	UNIT-04
1	Chimney	TO BE AWARDED				0%	0%
2	Coal Handling Plant					0%	0%
						0%	0%
						0%	0%
3	Ash Handling Plant					0%	0%
4	Fuel Oil System					0%	0%
5	Cooling Towers					0%	0%
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%

CRITICAL AREAS

REASONS OF DELAY

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

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

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	Nov-2025	
Unit#3			May-2021	Mar-2026	
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 SEP-2025	136.27	
POWER EVACUATION SYSTEM	Tx Line Developer	M/S GTL	2025-26	749.85	
	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		TOTAL EXPENDITURE (upto 31.08.2025)	
	Configuration of Tx Line(S/C or D/C)	Both		20,416.95	
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	Oct-25
14	CHEMICAL CLEANING COMPLETION	Oct-19	24.07.2021	Apr-20	13-08-24	Oct-20	Oct-25
15	STEAM BLOWING START	Dec-19	23.06.2022	May-20	16-Apr-25	Nov-20	Nov-25
16	STEAM BLOWING COMPLETION	Jan-20	13.08.2022	Jun-20	23.06.25	Dec-20	Dec-25
17	ROLLING & SYNC.	Mar-20	04.11.2023	Aug-20	20.07.25	Jan-21	Jan-26
18	FULL LOAD	Apr-20	19.11.2024	Oct-20	Nov-25	Apr-21	Feb-26
19	TRIAL RUN	May-20	03-12-24	Nov-20	Nov-25	May-21	Mar-26
20	COD	Jun-20	12-12-24	Nov-20	Dec-25	Jun-21	Apr-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%		100%		98%				
		STRUCTURE	100%		100%		100%				
		PRESSURE PARTS	100%		100%		98%				
2	TG	CIVIL	100%		100%		100%				
		STRUCTURE	100%		100%		100%				
3	ESP	UNDER PROGRESS	100%		100%		100%				
4	FGD	CIVIL WORK	61%		61%		53%				
		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- Oct-25; U3-Nov-25	100%		86%		84%	
2	Coal Handling Plant	Conveyor Pkg – BGR Energy System Ltd.	21.11.2016	20.07.2019	Dec-24, Oct-25, Dec-25	99%		99%		82%	
		Wagon Tippler - BGR Energy System Ltd.	21.11.2016	U1-Jul19, U2&3-Jan20	U1- Oct-25, U2&3- Dec-25	80%					
		Stacker Reclaimer - BGR Energy System Ltd.	21.11.2016	U1-Jun19, U2&3-Feb20	SR1- Nov-25, SR2- Jan-26	68%					
3	Ash Handling Plant	BGR Energy System Ltd.	21.11.2016	Jul19, Mar20, Feb20	Dec24, Oct-25, Dec-25	100%		96%		69%	
4	Fuel Oil System	L&T MHI Power Boilers Pvt Ltd	21.11.2016	24.10.2019	Jun-25	99.7%					
5	Cooling Towers	BGR Energy System Ltd.	21.11.2016	20.11.2020	Jul24, Oct-25, Nov-25	100%		99%		86%	
6	CW Pump house	BGR Energy System Ltd.	21.11.2016	20.11.2020	Oct24, Jun-25, Nov-25	100%		100%		73%	
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, Oct-25, Nov-25	100%		96%		73%	
11	Switch Yard	BGR Energy System Ltd.	21.11.2016	20.02.2020	20-July-25, Nov-25	100%		100%		65%	
12	Station Transformers	GE-Power Systems India Pvt. Ltd.	02.08.2016	Apr19, Oct19, Apr20	Feb21(A), Aug22(A), Sep-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), Dec-25	100.0%		100%		98%	
14	Railway Siding	RITES	29.03.2019	28.03.2021	Nov-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 Sep'25	563.6
		2025-26	965.12
		TOTAL EXPENDITURE (up to 30.09.2025)	2176.74
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 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	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 ontracting 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			-	-	-	-	0%	0%	0%
18	Trial Run	May-28	Mar-29	Nov-28	Sep-29	Apr-29	Mar-30	3	Ash Handling Plant	-	-	-	-	0%	0%	0%
19	COD	June’28	Apr’29	Dec’28	Oct’29	May’29	Apr’30	4	Fuel Oil System	-	-	-	-	0%	0%	0%
								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

-

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	Oct-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
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.		2012-13		48.00
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		15.61
			2014-15		388.78
			2015-16		24.64
			2016-17		22.35
			2017-18		70.14
START UP POWER AGREEMENT	Startup power will be arranged through South Bihar Power Distribution company Ltd. (SBPDCL).		2018-19		354.25
POWER EVACUATION SYSTEM	Tx Line Developer	BSPTCL, Govt. of Bihar	2019-20		1131.20
	Tx Line Name Tx Voltage Level	i) Buxar TPS- Naubatpur 400 KV, D/C	2020-21		2767.25
		ii) Buxar TPS- Dumraon (New) 220 KV, D/C	2021-22		2654.45
		iii) Buxar TPS- Karmnasa (New) 220 KV, D/C	2022-23		494.75
	iv) Buxar TPS- Dehri 220 KV, D/C	2023-24		1996.43	
		2024-25		1507.08	
	Configuration of Tx Line (S/C or D/C)	D/C	EXPENDITURE OF SEP 2025		277.86
LAND POSSESSION	Total Land Required-1283 Acre;1058.335 Acre (for Main Plant) under possession, land acquisition for 147acre (for Rail Corridor) and 78 acre (for Water Pipeline corridor & intake etc.) is under progress.		2025-26		973.97
WATER ALLOCATION	MoU for utilization of 55 cusec of water signed between STPL and Water Resource Deptt., Govt. of Bihar on 29.08.2016.		TOTAL EXPENDITURE (upto 30.09.2025)		12448.90
MOEF CLEARANCE	Accorded by MOEF&CC on 28.02.2017.(Validity- 27.02.2024)				
CIVIL AVIATION CLEARANCE	Accorded by Airport Authority of India on 12.04.2017 (Fresh NOC issued on 18.11.2018). (Validity-17.11.2028)				
CPCB CLEARANCE	NOT APPLICABLE				
SPCB CLEARANCE	“Consent to Establish” (NOC) granted by Bihar State Pollution Control Board on 03.09.2019.				
FOREST CLEARANCE	NOT APPLICABLE				

BOXAR 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	OCT-25
11	HP PIPING ERECTION COMPLETION	JUL-22	13-DEC-24	NOV-22	OCT-25
12	START OF OIL FLUSHING	AUG-22	4-JAN-24	DEC-22	OCT-25
13	BOILER LIGHT UP	OCT-22	2 OCT-24	FEB-23	OCT-25
14	CHEMICAL CLEANING COMPLETION	OCT-22	18-NOV-24	FEB-23	OCT-25
15	STEAM BLOWING START	NOV-22	30-JAN-25	MAR-23	OCT-25
16	STEAM BLOWING COMPLETION	DEC-22	05-APR-25	APR-23	NOV-25
17	ROLLING & SYNC.	FEB-23	21-AUG-25	JUN-23	DEC-25
18	FULL LOAD	MAR-23	30-SEP-25	JUL-23	DEC-25
19	TRIAL RUN	MAY-23	OCT-25	SEP-23	DEC-25
20	COD	JULY-23	NOV-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%	98.99%
		STRUCTURE	99.75%	95.98%
		PRESSURE PARTS	100%	99.40%
2	TG	CIVIL	100%	100%
		STRUCTURE	100%	99.98%
		TG ERECTION	99.78%	88.50%
3	ESP	UNDER PROGRESS	100%	93.55%
4	FGD	CIVIL WORK	91.80%	91.00%
		MATERIAL SUPPLY	99.25%	99.10%
		ERECTION WORK	69.36%	47.02%

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	OCT' 25	97%	
		L&T (Wagon tipler)	22.JUN.19	21.NOV.22	OCT' 25	96%	
		L&T/ Thyssenkrup (Stacker reclaimers)	22.JUN.19	23.OCT.22	OCT' 25	98%	
3	Ash Handling Plant	L&T /Macawber Beekay Pvt Ltd	22.JUN.19	19.JUL.23	OCT' 25	95%	
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 OCT' 25	100% 85.9%	
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 OCT' 25	100% 84.3%	
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 OCT' 25	100% 91%	
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	NOV' 25	97%	
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 OCT' 25	100% 97%	
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 OCT' 25	100% 82.5%	
14	Railway Siding	Phase-I-RITES Ltd. Phase-II- RVNL	13.JUN.19	31.OCT.22	24 APR'25 OCT' 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) Delay in 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 .	2023-24	406
START UP POWER AGREEMENT	As per schedule Start- Up power is required in March,2027	2024-25	537.4
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	EXPENDITURE OF SEPT-25	124.22
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.	2025-26	312.39
WATER ALLOCATION	Source -Tilaiya Dam , Quantity- 115200 KLD,	TOTAL EXPENDITURE (Upto 30.09.2025)	1,255.79
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)

Sl.	Milestone	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
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	Dec-27	Dec-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	Feb-28	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.	Jun-28	Jun-28	Nov-28	Nov-28
17	Full Load	Jul-28	Jul-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

STATUS OF MAIN PLANT PACKAGE

SI	PACKAGE	AREA	UNIT-1	UNIT-2
1	BOILER	CIVIL	12%	3%
		STRUCTURE	0%	0%
		PRESSURE PARTS	0%	0%
2	TG	CIVIL	5%	1%
		STRUCTURE	0%	0%
		TG ERECTION	0%	0%
3	ESP	UNDER PROGRESS	10%	1%
4	FGD	CIVIL WORK	0%	0%
		MATERIAL SUPPLY	0%	0%
		ERECTION WORK	0%	0%

STATUS OF BOP PACKAGES

Sl.	Packages/ Linked Project Milestones	Vendor/ Contracti ng Agency	Date of Awar d	Schedule d 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	5%	5%
2	Coal Handling Plant		--	Jul-28	Jul-28	1%	1%
			--	Jul-28	Jul-28	0%	0%
			--	Jul-28	Jul-28	0%	0%
			--	Jul-28	Jul-28	0%	0%
3	Ash Handling Plant		--	Jul-28	Jul-28	0%	0%
4	Fuel Oil System		--	Jun-28	Jun-28	0%	0%
5	Cooling Towers		Nov-24	May-28	May-28	2%	4%
6	CW Pump house		--	Jun-28	Jun-28	0%	0%
7	WPT Plant		--	May-28	May-28	0%	0%
8	DM Plant		--	May-28	May-28	0%	0%
9	Compressed Air System		--	Aug-26	Aug-26	0%	0%
10	Fire Protection System		--	--	--	0%	0%
11	Switch Yard		--	May-28	May-28	0%	0%
12	Station Transformers		--	May-27 Sep-27	May-27 Sep-27	0%	0%
13	Unit Transformers	--	Jul-28 Jan-28	Jul-28 Jan-28	0%	0%	
14	Railway Siding	--	--	--	0%	0%	
15	Power Evacuation Lines	--	Feb-28	Feb-28	0%	0%	

CRITICAL AREAS

REASONS OF DELAY

Raghunathpur TPS, Ph-II, Unit#3 & 4 (2X660 MW) / DVC (CENTRAL SECTOR)

Raghunathpur, Distt.- Purulia, West Bengal

E-Gen Portal Registration No. (U#3 – 1200003913, U#4 – 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#3	19-02-2025	Dec-28	Dec-28
Unit#4		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	
		2011-12	201.37
		2012-13 to 2021-22	0
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.	2022-23	411.95
START UP POWER AGREEMENT	As per schedule Start- Up power is required in Dec,2027	2023-24	427.36
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.	2024-25	0
LAND POSSESSION	Land is available and in possession.	Expenditure in SEPT-25	179.46
WATER ALLOCATION	Source: Panchet Dam; Quantity: 95,049 KLD	2025-26	331.50
MOEF CLEARANCE	EC No: EC23A0601WB5144917N Obtained on 26.02.2024	TOTAL EXPENDITURE (up to 30.09.25)	1,372.18
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-3		UNIT-4		SI	PACKAGE	AREA	UNIT-3		UNIT-4		
		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	Oct-26	Oct-26	1	BOILER	CIVIL	4%		3%		
2	Start Of Boiler Erection	Feb-26	Feb-26	Oct-26	Oct-26			STRUCTURE	0%		0%		
3	Boiler Ceiling Girder Lifting Completion	Nov-26	Nov-26	Jun-27	Jun-27			PRESSURE PARTS	0%		0%		
4	Condenser Erection Start	Apr-27	Apr-27	Oct-27	Oct-27	2	TG	CIVIL	1%		1%		
5	TG Erection Start	Jun-27	Jun-27	Dec-27	Dec-27			STRUCTURE	0%		0%		
6	HP Piping Erection Start	Oct-26	Oct-26	Jun-27	Jun-27			TG ERECTION	0%		0%		
7	Boiler Hydro Test (Drainable) Completion	Dec-27	Dec-27	Aug-28	Aug-28	3	ESP	UNDER PROGRESS	4%		3%		
8	Boiler Hydro Test (Non-Drainable) Completion	Apr-28	Apr-28	Dec-29	Dec-29	4	FGD	CIVIL WORK	1%		1%		
9	TG BOX UP	Apr-28	Apr-28	Aug-28	Aug-28			MATERIAL SUPPLY	1%		1%		
10	HP Piping Erection Completion	Feb-28	Feb-28	Oct-28	Oct-28			ERECTION WORK	1%		1%		
STATUS OF BOPs													
Sl.	Packages/ Linked Project Milestones	Vend or/Contracting Agency (DPSI)	Date of Award	Scheduled Date of Completion	Ant/Actual Date of Completion	UNIT-3	UNIT-4						
1	Chimney	BHEL	Feb-25	Feb-29	May-29	1%	1%						
2	Coal Handling Plant	Thyssenkrupp	Feb-25	Feb-29	May-29	1%	1%						
						1%	1%						
						1%	1%						
3	Ash Handling Plant	BHEL	Feb-25	Feb-29	May-29	1%	1%						
4	Fuel Oil System	BHEL	Feb-25	Feb-29	May-29	1%	1%						
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	1%	1%						
8	DM Plant		May-25	Jan-29	Jan-29	1%	1%						
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%						
19	COD	Dec-28	Jan-29	Apr-29	May-29								

CRITICAL AREAS

-

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#1 - 1200001984, U#2 - 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	Granted Long Term coal linkage under Para B(i) of erstwhile SHAKTI Policy, 2017 from Coal India Limited for 50% of Installed capacity. Total requirement is 5.95 MTPA(indigenous 3.68 MTPA & imported 2.26 MTPA) MoU has already been signed between MMTC & TANGEDCO on 25.06.2012 for the supply of Import coal for this project.		2016-17		558.04
	Bridge Linkage with SCCL available for indigenous coal.		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	TANTRANSCO	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 SEP'2025		126.12
			2025-26		735.31
WATER ALLOCATION	Supply of 4 MGD water from CMWSSB obtained. However desalination plant is envisaged in the project.		TOTAL EXPENDITURE (upto 30.09.2025)		11,994.95
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) / TNPCL (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%	95%			
		STRUCTURE	99.42%	95%			
		PRESSURE PARTS	99.42%	96%			
2	TG	CIVIL	100%	99%			
		STRUCTURE	100%	99%			
		TG ERECTION	Erection started - 31.01.24	Erection started - 31.01.24			
3	ESP	UNDER PROGRESS	89%	84%			
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%	99%
2	Coal Handling Plant	Contractor for erection M/s Promac	09.02.17	27.10.17	Mar'26	54%	50%
		M/s.Bevcon (Conveyor package supply), M/s.FLSIDITH- Pipe	18.03.17	27.10.17	Mar'26		
		M/s.Promac : Stacker Reclaimer supply, M/s.Elecon : Vibrating	09.02.17	27.10.17	Mar'26		
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	44% (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	Dec'25 (U-1) Dec'25 (U-2)	93%	90%
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	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	84%	
8	DM Plant	M/s Cornerstone (De-scoped from M/s.Simplex)	27.09.14	30.03.17	Mar'26	79%	
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	Feb'26	52%	
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	Dec'25	98% (civil)	
12	Station Transformers	M/s Cornerstone	19.11.19	30.03.17	Oct'25	92.66% (civil)	
13	Unit Transformers	M/s Cornerstone	19.11.19	30.08.17	Oct'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.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

The Re-routing of pipe conveyor and others as per MoEF approved route works WAS AWARDED ON 24.08.2025. Due to poor coordination and slow performance of sub-vendors of Ms.BHEL, the progress of the project has affected in CW pipeline pump house, RODM,AHS,CHS and pipe rack.

- 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 scope 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	Oct-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.				
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.		2012-13		0.21
			2013-14		0.40
			2014-15		0.13
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.		2015-16		0.25
POWER EVACUATION SYSTEM	Tx Line Developer	TANTRANSCO	2016-17		198.08
	Tx Line Name Tx Voltage Level	NCTPS St-III -North Chennai (PS), 765 KV, D/C line	2017-18		929.75
	Configuration of Tx Line (S/C or D/C)		2018-19		2243.53
LAND POSSESSION	The proposed site is within the existing NCTPS complex and land is already under possession of TANGEDCO.		2019-20		2090.63
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.		2020-21		928.95
			2021-22		760.29
			2022-23		694.14
			2023-24		944.74
			2024-25		840.99
			EXPENDITURE OF SEP'2025		151.68
			2025-26		704.92
MOEF CLEARANCE	Environmental clearance issued by MoEF on 20.01.2016 valid for a period of seven years.		TOTAL EXPENDITURE (upto 30.09.2025)		10337.014
CIVIL AVIATION CLEARANCE	Chimney constructed for full height and the same was informed to Airports Authority of India.		(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.)		
CPCB CLEARANCE	NOT APPLICABLE. State sector project.				
SPCB CLEARANCE	Approval has been obtained on 13.04.2017.				
FOREST CLEARANCE	Not applicable, since the site is not coming under Forest area.				

NORTH CHENNAI STPP, St - III, Unit# 6 (1X800 MW) / TNGENCO (STATE SECTOR)											
UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)				STATUS OF MAIN PLANT PACKAGE (BTG-BHEL)							
Sl.	MILESTONE	UNIT-6		Sl.	Packages	AREA	UNIT-6				
		Original Date of Completion	Anticipated / Actual Date of Completion				% Completion				
1	COMPLETION OF BOILER FOUNDATION	Oct-16	14.06.18	1	BOILER	CIVIL	100%				
2	START OF BOILER ERECTION	Nov-16	30.08.17			STRUCTURE	100%				
3	BOILER DRUM LIFTING (if sub-critical unit)	NA	NA			PRESSURE PARTS	100%				
4	BOILER CEILING GIRDER LIFTING COMPLETION	May-17	31.07.18	2	TG	CIVIL	100%				
5	CONDENSER ERECTION START	Aug-17	02.01.19			STRUCTURE	100%				
6	TG ERECTION START	Oct-17	25.02.19			TG ERECTION	100%				
7	HP PIPING ERECTION START	Oct-17	25.03.18	3	ESP	UNDER PROGRESS	100%				
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION	Feb-18	31.12.19	4	FGD	CIVIL WORK	M/s BHEL – FGD Civil Piping and Pipe cap works are in progress.				
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	Sep-18	07.12.22			MATERIAL SUPPLY					
10	TG BOX UP	Nov-18	Aug-23			ERECTION WORK					
11	HP PIPING ERECTION COMPLETION	Apr-19	30.11.22	STATUS OF BOPs - BGRESL/Chennai							
14	START OF OILFLUSHING	Nov-18	03.11.20	Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency	Date of Award	Scheduled Date of Completion	Anticipated /Actual Date of Completion	UNIT-06	
12	BOILER LIGHT UP	Oct-18	May-23	1	Chimney	M/s. BGR ESL	10.03.17	25.06.19	15.01.2024	100%	
13	CHEMICAL CLEANING COMPLETION	Feb-19	22-06-23	2	Coal Handling Plant		21.07.17	25.07.19	30.06.2026	93%	
15	STEAM BLOWING START	Dec-18	23-09-23	3	Ash Handling Plant		25.11.17	28.07.19	30.11.2026	90%	
16	STEAM BLOWING COMPLETION	Jan-19	24-11-23	4	Fuel Oil System		27.07.17	28.06.19	15.03.2024	100%	
17	ROLLING & SYNC.	Feb-19	14-01-24	5	Cooling Towers		16.05.17	21.09.19	30.10.2025	100%	
18	FULL LOAD	Mar-19	27-06-24	6	CW Pump house		09.01.18	28.05.19	30.10.2025	100%	
19	TRIAL RUN	Apr-19	Oct-25	7	WPT Plant		16.06.17	17.05.19	30.10.2025	95%	
20	COD	Jul-19	Oct-25	8	DM Plant		06.10.17	28.05.19	30.10.2025	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	30.10.2025	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.
- Deposition found on turbine exhaust blades.
- 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 – TNPGL			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	Nov-2025	
Unit#2			Mar-2021	Mar-2026	
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	Granted Long Term coal linkage under Para B(i) of erstwhile SHAKTI Policy, 2017 from SCCL for 50% of Installed capacity. 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.		2018-19		359.31
START UP POWER AGREEMENT	230/11 KV Karaigudi Feeder		2019-20		699.30
POWER EVACUATION SYSTEM	Tx Line Developer	L&T	2020-21		1899.52
			2021-22		1827.38
	Tx Line Name Tx Voltage Level	Udangudi STPP – Ottapidaram, 400 KV, D/C line (BHEL/L&T)	2022-23		3009.66
	Configuration of Tx Line (S/C or D/C)		2023-24		2028.91
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.		2024-25		2544.684
			EXPENDITURE OF SEP'2025		280.66
			2025-26		758.86
			TOTAL EXPENDITURE (upto 30.09.2025)		13,254.65
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	Oct'25
11	HP PIPING ERECTION COMPLETION	Aug-20	31.08.24	Oct-20	Nov'25
12	START OF OILFLUSHING	Jul-20	20.08.24	Sep-20	Oct'25
13	BOILER LIGHT UP	Jul-20	20.10.24	Sep-20	Oct'25
14	CHEMICAL CLEANING COMPLETION	Jul-20	21.01.25	Sep-20	Oct'25
15	STEAM BLOWING START	Aug-20	30.04.25	Nov-20	Nov'25
16	STEAM BLOWING COMPLETION	Sep-20	04-06-25	Nov-20	Dec'25
17	ROLLING & SYNC.	Nov-20	11-09-25	Jan-21	Jan'26
18	FULL LOAD	Dec-20	Nov'25	Feb-21	Feb'26
19	TRIAL RUN	Jan-21	Nov-25	Mar-21	Mar-26
20	COD	Frb-21	Nov-25	Apr-21	Mar-26

STATUS OF MAIN PLANT PACKAGE (BTG) : M/s BHEL							
Sl.	Packages	AREA	UNIT-1		UNIT-2		
			% Completion	% Completion			
1	BOILER	CIVIL	98.72%		99.54%		
		STRUCTURE	98.29%		97.96%		
		PRESSURE PARTS	100%		99.67%		
2	TG	CIVIL	100%		100%		
		STRUCTURE	100%		99.66%		
		TG ERECTION	98.50%		62.90%		
3	ESP	UNDER PROGRESS	100%		98.34%		
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	Oct-25	99.60%	
		M/s. BHEL/ M/s.RPP /URC	15.07.19	25.06.20	Nov-25	96.20%	
		Structural Erection					
		M/s. BHEL/IGG	09.05.19	-	Jan-26	77.95%	
3	Ash Handling Plant	M/s.BHEL/ RPP/Srinic- Civil	11.05.20	25.06.20	Nov-25	99.61%	
		M/s.BHEL/ M/s.RPP/URC- Structural Erection	15.07.19	25.06.20	Dec-25	94.89%	
		M/s. BHEL Mechanical Equipment	15.03.19	30.11.20	Jan-25	93.18% 59.63%	
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	10-08-25 Nov-25	100%	96.41%
6	CW Pump house	M/s.BHEL/ M/s.B&B; M/s.BHEL/ M/s.Akash Techno	04.06.19	17.01.20	Nov-25	96.57%	
7	WPT Plant	M/s.BHEL/ M/s.B&B	04.06.19	07.02.20	Oct-25	99.25%	
8	DM Plant	M/s.BHEL/ M/s.RPP	25.07.19	12.10.19	Oct-25	95.10%	
9	Compressed Air System	M/s.BHEL / M/s.Power Mech	07.01.22	01.11.20	10-02-25	100%	
10	Fire Protection System	M/s. BHEL	-	22.10.20	Oct-25	60.57%	
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	Nov-25	93.70%	
13	Generator Transformers						
14	Standby Transformer						
15	Unit Transformers						
16	Railway Siding	NA	NA	NA	NA	NA	
17	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 AHP (TACH, Silos, ASPH, VPH& BAH), 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		Jun-2022	Dec-2025		
Unit#4		Jun-2022	Oct-2025		
Unit#5		Oct-2022	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		498.18
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		59.14
			2016-17		939.02
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		2741.25
			2018-19		3867.68
POWER EVACUATION SYSTEM	Tx Line Developer	TSTRANSCO	2019-20		3336.56
	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		4134.23
	Tx Voltage Level		2021-22		5265.85
	Configuration of Tx Line (S/C or D/C)		2022-23		857.27
LAND POSSESSION	(Details about land area still to be acquired). Ac.5459.39 Gts		2023-24		5590.69
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		2694.49
			EXPENDITURE OF Sep’2025		313.1
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		2014.79
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 30.09.2025)		31999.15
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) / TGGENCO (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	95.00%	98.11%	91.00%	95.00%	94.00%
		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%	99.00%	95.00%	92.55%
		TG ERECTION	99.00%	100.00%	99.00%	95.00%	92.00%
3	ESP	UNDER PROGRESS	100.00%	100.00%	99.00%	99.00%	95.00%
4	FGD	CIVIL WORK	15%	15%	15%	15%	15%
		MATERIAL SUPPLY					
		ERECTION WORK					

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	08.01.20	08.01.20	29.12.19	29.12.19	11.02.20	11.02.20	16.02.20	16.02.20	23.03.20	23.03.20
2	START OF BOILER ERECTION	18.02.20	18.02.20	30.07.20	30.07.20	18.03.20	18.03.20	30.07.20	30.07.20	14.08.20	14.08.20
3	BOILER DRUM LIFTING (if sub-critical unit)	NA		NA		NA		NA		NA	
4	BOILER CEILING GIRDER LIFTING COMPLETION	31.01.21	20.03.21	31.03.21	31.03.21	11.04.21	11.04.21	09.06.21	09.06.21	07.09.21	07.09.21
5	CONDENSER ERECTION START	31.03.21	20.10.21	31.05.21	03.01.22	30.05.21	20.11.22	31.07.21	01.10.22	15.10.21	01.10.22
6	TG ERECTION START	03.05.21	20.12.21	30.06.21	31.01.22	31.08.21	21.12.22	30.10.21	25.10.22	30.11.21	20.10.22
7	HP PIPING ERECTION START	01.04.21	16.09.21	01.05.21	01.01.22	01.06.21	15.07.22	01.07.21	31.07.22	01.08.21	31.07.22
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION	31.01.22	31.07.22	31.03.22	21.06.22	31.05.22	26.05.23	31.07.22	15.09.22	30.09.22	26.05.23
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	15.07.22	15.03.23	15.09.22	15.02.23	15.11.22	01.08.23	15.01.23	05.10.24	15.03.23	Oct-25
10	TG BOX UP	31.05.22	30.03.23	31.07.22	05.02.23	31.08.22	31.03.25	30.10.22	15.03.24	30.11.22	Oct-25
11	HP PIPING ERECTION COMPLETION	13.10.22	31.03.24	13.11.22	28.02.24	13.12.22	Oct-25	13.01.23	03.07.25	13.02.23	Nov-25
12	START OF OIL FLUSHING	30.04.22	09.06.23	31.05.22	23.03.23	31.07.22	Oct-25	30.09.22	06.01.25	30.10.22	Oct-25
13	BOILER LIGHT UP	31.07.22	14.05.24	30.09.22	14.05.24	30.11.22	19.02.25	31.01.23	15.11.24	31.03.23	Oct-25
14	CHEMICAL CLEANING COMPLETION	05.09.22	22.06.24	29.09.22	31.05.24	29.10.22	07.03.25	29.11.22	02.01.25	29.12.22	Oct-25
15	STEAM BLOWING START	14.09.22	20.07.24	14.10.22	12.06.24	14.11.22	21.07.25	14.12.22	07.05.25	14.01.23	Oct-25
16	STEAM BLOWING COMPLETION	14.10.22	25.09.24	14.11.22	25.07.24	14.12.22	Oct-25	14.01.23	12.07.25	14.02.23	Nov-25
17	ROLLING & SYNC.	30.10.22	03.11.24	31.12.22	12.09.24	31.01.23	Oct-25	31.03.23	14.08.25	31.05.23	Dec-25
18	FULL LOAD	15.02.23	12.03.25	15.03.23	12.01.25	15.04.23	Nov-25	15.05.23	Oct-25	15.06.23	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	12.07.25	Mar'23	08-03-25	Apr'23	Jan-26	May'23	Nov-25	Jun'23	Apr-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	31.07.22	30.12.23	Shell Concreting-100%		Shell Concreting-100%		SC-100%				
			24.02.20			Flue can Erection 100%		Flue can Erection 100%		FCE-100%				
2	Coal Handling Plant	Powermech (Conveyor package)	09.08.20	31.12.22	Oct-25	95%	100%	95%	95%	95%				
		Powermech (Wagon tripler)	10.12.20	30.06.23	Oct-25									
		Powermech (Stacker Reclaimer)	08.10.20	30.06.23	30.08.23									
3	Ash Handling Plant	BHEL/ Powermech	08.06.21	31.12.22	Dec-25	100%	100%	79%	79%	79%				
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 Oct-25 Oct-25 Nov-25	100%	100%	98.00%	99.00%	95.00%				
6	CW Pump house	BHEL/HES for Unit-1 BHEL/HES for Unit-2 BHEL/HES for Unit-3 BHEL/HES for Unit-4 BHEL/HES for Unit-5	04-09-2020 - 08-09-2020 08-09-2020 22-01-2021	26-09-2022 - 30-09-2022 30-09-2022 30-09-2023	31-07-2023 - Oct-25 Oct-25 Oct-25	100%	100%	97.00%	97.00%	97.00%				
7	WPT Plant	BHEL/SCC for Unit-1 BHEL/SCC for Unit-2 BHEL/SCC for Unit-3 BHEL/SCC for Unit-4 BHEL/SCC for Unit-5	04.11.2020 - 31-01-2021 04.11.2020 30-01-2021	28-01-2022 - 31-01-2022 27-01-2022 31-01-2022	30-09-2025 - Oct-25 Oct-25 Oct-25	98.00%	100%	95.00%	95.00%	95.00%				
8	DM Plant	BHEL/SCC for Unit-1 BHEL/SCC for Unit-2 BHEL/SCC for Unit-3 BHEL/SCC for Unit-4 BHEL/SCC for Unit-5	28.09.2020 - 19-10-2020 19-10-2020 19-10-2020	28-01-22 - 31-01-2022 31-01-2022 31-01-2022	30-09-24 - 30-09-24 30-09-24 30-09-24	98.00%	100%	100%	95.00%	95.00%				
9	Compressed Air System	BHEL/HES for Unit-1 BHEL/HES for Unit-2 BHEL/HES for Unit-3 BHEL/HES for Unit-4 BHEL/HES for Unit-5	20-12-2018 - 09-02-2021 20-12-2018 09-02-2021	28-05-2022 - 31-05-2022 31-05-2022 31-05-2022	30.08.24 - 30.08.24 30.08.24 30.08.24	100%	100%	100%	100%	100%				
10	Fire Protection System	BHEL	-	31.07.22	Oct-25	55.00%								
11	Switch Yard	BHEL/Bluechip	13.02.21	31.07.22	Oct-25	90.00%								
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%	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	Oct-25 Oct-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	Oct-25	93%								
16	Power Evacuation Lines	TS TRANSCO/MEIL	06.08.20	24.02.22	Feb-26	87%								

CRITICAL ISSUES

- 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	28.12.2028	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	Closure yet to be done.
PPA	PPA under process with TG DISCOMs (In advance stage)	YEAR WISE EXPENDITURE	
COAL LINKAGE/FSA	Naini block (Captive Mines) from ODISHA	EXPENDITURE of SEPT-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 30.09.25)	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		
						STRUCTURE		0		
						PRESSURE PARTS		0		
2	Start of Boiler Erection	Feb-26	Feb-26	2	TG	CIVIL		0		
						STRUCTURE		0		
						TG ERECTION		0		
3	Boiler Ceiling Girder Lifting Completion	Dec-26	Dec-26	3	ESP	UNDER PROGRESS		0		
4	Condenser Erection Start	Feb-27	Feb-27	4	FGD	CIVIL WORK		0		
						MATERIAL SUPPLY		0		
						ERECTION WORK		0		
5	TG Erection Start	Apr-27	Apr-27	STATUS OF BOPs						
6	HP Piping Erection Start	May-27	May-27	Sl.	Packages/ Linked Project Milestones	Vendor/ Contracting Agency	Date of Award	Scheduled Date of Comp.	Ant/ Actual Date of Comp.	UNIT-3
7	Boiler Hydro Test (Drainable) Completion	Dec-27	Dec-27	1	Chimney	BHEL	28.02.2025	07.09.2028	Sep-28	0
8	Boiler Hydro Test (Non-Drainable) Completion	Jun-28	Jun-28	2	Coal Handling Plant	BHEL	28.02.2025	05.10.2028	Oct-28	0
9	TG BOX UP	Feb-28	Feb-28	3	Ash Handling Plant	BHEL	28.02.2025	12.09.2028	Sep-28	0
10	HP Piping Erection Completion	May-28	May-28	4	Fuel Oil System	BHEL	28.02.2025	20.03.2028	Mar-28	0
11	Start of Oil Flushing	Apr-28	Apr-28	5	Cooling Towers	BHEL	28.02.2025	06.03.2028	Mar-28	0
12	Boiler Light Up	Jun-28	Jun-28	6	CW Pump house	BHEL	28.02.2025	17.03.2028	Mar-28	0
13	Chemical Cleaning Completion	Jun-28	Jun-28	7	WPT Plant	BHEL	28.02.2025	31.07.2027	July-27	0
14	Steam Blowing Start	Jul-28	Jul-28	8	DM Plant	BHEL	28.02.2025	24.10.2027	Oct-27	0
15	Steam Blowing Completion	Aug-28	Aug-28	9	Compressed Air System	BHEL	28.02.2025	07.02.2028	Feb-28	0
16	Rolling & Sync.	Oct-28	Oct-28	10	Fire Protection System	BHEL	28.02.2025	26.10.2028	Oct-28	0
17	Full Load	Nov-28	Nov-28	11	Switch Yard	BHEL	28.02.2025	06.06.2028	Jun-28	0
18	Trial Run	Dec-28	Dec-28	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
19	COD	Jan-29	Jan-29	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		Nov-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 (pithead); Coal will be sourced mainly from captive coal mines of WBPDC		2019-20		51.45
			2020-21		331.59
			2021-22		302.77
START UP POWER AGREEMENT	Startup power shall be obtained from the other running units of the Sagardighi Thermal Power Project		2022-23		605.91
POWER EVACUATION SYSTEM	Tx Line Developer	PGCIL	2023-24		697.95
	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	2024-25		549.66
	Configuration of Tx Line (S/C or D/C)		EXPENDITURE OF SEP'2025		23.43
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		145.47
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 30.09.2025)		2748.86
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	Nov'25
19	TRIAL RUN	Jan-24	Nov-25
20	COD	Jan-24	Dec-25

STATUS OF MAIN PLANT PACKAGE (BTG) : M/s BHEL						
Sl.	Packages	AREA	UNIT-5			
			% Completion			
1	BOILER	CIVIL	100%			
		STRUCTURE	99%			
		PRESSURE PARTS	99%			
2	TG	CIVIL	100%			
		STRUCTURE	100%			
3	ESP	CIVIL WORKS	99%			
		STRUCTURAL WORKS	99%			
4	FGD	CIVIL WORKS	37%			
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	Oct-25	99%
2	Coal Handling Plant	Conveyor package: Bengal Tools Limited	27.12.2018	15.12.2023	Oct-25	95%.
		Twin Wagon Tippler : ThyssenKrupp		13.12.2023	Jun-26	
			Existing Stacker Reclaimer of Stage-II will be used	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	Nov-25	94%
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	Oct-25	98%
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	Oct-25	99.5%
12	Fire Protection System	M/s. BHEL		24.03.2024	Oct-25	82%
15	Switch Yard	M/s. BHEL		22.03.2024	Oct-25	94%
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 is carrying out modification job for connecting Twin Wagon Tippler for Stage 3. (58%)				
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 AHP (Ash slurry pump house, TAC, Silo)
2. 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) / HPPGCL (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.	2022-23	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.	2023-24	1.32
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.	2024-25	1.39
LAND POSSESSION	Unit shall be installed within in the existing boundary of DCRTTP, no additional land is required.	Expenditure of SEPT'25	208.43
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.	2025-26	423.86
MOEF CLEARANCE	EC granted by MoEFCC on 20-01-2025	TOTAL EXPENDITURE (up to 30.09.25)	427.96
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	Nov-28			MATERIAL SUPPLY		0		
10	HP Piping Erection Completion	Aug-28	Aug-28			ERECTION WORK		0		
11	Start of Oil Flushing	Jul-28	Jan-29	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	Apr-29	2	Coal Handling Plant	BHEL	20.03.2025	08.03.2029	Mar-29	0
15	Steam Blowing Completion	Oct-28	May-29			BHEL	20.03.2025			0
16	Rolling & Sync.	Jan-29	Jul-29			BHEL	20.03.2025			0
17	Full Load	Feb-29	Sep-29	3	Ash Handling Plant	BHEL	20.03.2025	13.03.2029	Mar-29	0
18	Trial Run	Feb-29	Sept-29	4	Fuel Oil System	BHEL	20.03.2025	01.07.2028	July-28	0
19	COD	Mar-29	Oct-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 Sep-25	99.9
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 30.09.25)	449.65
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			CIVIL	STRUCTURE	PRESSURE PARTS	CIVIL	STRUCTURE	TG ERECTION	UNDER PROGRESS	CIVIL WORK
1	Completion Of Boiler Foundation	Jul-26	24.07.2026	1	BOILER								0%
2	Start Of Boiler Erection	Jul-26	26.07.2026										0%
3	Boiler Ceiling Girder Lifting Completion	26.04.2027	26.04.2027										0%
4	Condenser Erection Start	25.07.2027	25.07.2027	2	TG								0%
5	TG Erection Start	26.01.2028	26.01.2028										0%
6	HP Piping Erection Start	28.12.2027	28.12.2027	3	ESP								0%
7	Boiler Hydro Test (Drainable) Completion	26.06.2028	26.06.2028	4	FGD								0%
8	Boiler Hydro Test (Non-Drainable) Completion	14.03.2029	14.03.2029										0%
9	TG BOX UP	26.01.2029	26.01.2029										0%
10	HP Piping Erection Completion	22.10.2028	22.10.2028	STATUS OF BOPS									
11	Start Of Oil Flushing	10.02.2029	10.02.2029	Sl.	Packages/ Linked Project Milestones	Vendor/ Contract ing Agency	Date of Award	Schedul ed Date of Comp.	Ant/ Actual Date of Comp.	UNIT-7			
12	Boiler Light Up	26.03.2029	26.03.2029	1	Chimney	BHEL							0%
13	Chemical Cleaning Completion	16.04.2029	16.04.2029	2	Coal Handling Plant	BHEL							0%
14	Steam Blowing Start	26.04.2029	26.04.2029			BHEL							0%
15	Steam Blowing Completion	26.06.2029	26.06.2029	3	Ash Handling Plant	BHEL							0%
16	Rolling & Sync.	26.07.2029	26.07.2029	4	Fuel Oil System	BHEL							0%
17	Full Load	26.08.2029	26.08.2029	5	Cooling Towers	BHEL							0%
18	Trial Run	26.09.2029	26.09.2029	6	CW Pump house	BHEL							0%
19	COD	26.09.2029	26.09.2029	7	WPT Plant	BHEL							0%
				8	DM Plant	BHEL							0%
				9	Compressed Air System	BHEL							0%
				10	Fire Protection System	BHEL							0%
				11	Switch Yard	BHEL							0%
				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

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-11: 1200004135, Unit -12: 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 SEP’ 2025	0	
		TOTAL EXPENDITURE (upto 30.09.2025)	1.89	
START UP POWER AGREEMENT	During start-up, power will be fed to the unit auxiliaries from the 220 kV/11 kV 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)		STATUS OF MAIN PLANT PACKAGE (BTG) : M/s BHEL (Supply)							
Sl.	MILESTONE	UNIT-11		UNIT-12		Sl.	Packages	AREA	UNIT-11		UNIT-12		
		Original Date	Actual / Anticipated Date	Original Date	Actual / Anticipated Date				% Completion	% Completion			
1	COMPLETION OF BOILER FOUNDATION	Apr-26	Apr-26	Oct-26	Oct-26	1	BOILER	CIVIL	0	0			
								STRUCTURE	0	0			
								PRESSURE PARTS	0	0			
2	START OF BOILER ERECTION	Apr-26	Apr-26	Oct-26	Oct-26	2	TG	CIVIL	0	0			
								STRUCTURE	0	0			
								TG ERECTION	0	0			
3	BOILER DRUM LIFTING (if sub-critical unit)	NA	NA	NA	NA	3	ESP	UNDER PROGRESS	0	0			
4	BOILER CEILING GIRDER LIFTING COMPLETION	Jan-27	Jan-27	July-27	July-27	4	FGD	CIVIL WORK	0	0			
								MATERIAL SUPPLY	0	0			
								ERECTION WORK	0	0			
5	CONDENSER ERECTION START	June-27	June-27	Dec-27	Dec-27	STATUS OF BOPs (BHEL-Supply)							
6	TG ERECTION START	July-27	July-27	Jan-28	Jan-28	Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency (Supply-BHEL)	Date of Award	Scheduled Date of Completion (Unit1/Unit2)	Anticipated /Actual Date of Completion (Unit1/Unit2)	UNIT-11 % Completion	UNIT-12 % Completion
7	HP PIPING ERECTION START	Oct-27	Oct-27	Apr-28	Apr-28	1	Chimney						
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION	Apr-28	Apr-28	Oct-28	Oct-28	2	Coal Handling Plant						
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	Nov-28	Nov-28	May-29	May-29	3	Ash Handling Plant						
10	TG BOX UP	Sep-28	Sep-28	Mar-29	Mar-29	4	Fuel Oil System						
11	HP PIPING ERECTION COMPLETION	Dec-28	Dec-28	June-29	June-29	5	Cooling Towers						
12	START OF OILFLUSHING	Oct-28	Oct-28	Apr-29	Apr-29	6	CW Pump house						
13	BOILER LIGHT UP	Dec-28	Dec-28	June-29	June-29	7	WPT Plant						
14	CHEMICAL CLEANING COMPLETION	Dec-28	Dec-28	June-29	June-29	8	DM Plant						
15	STEAM BLOWING START	Jan-29	Jan-29	July-29	July-29	9	Compressed Air System						
16	STEAM BLOWING COMPLETION	Feb-29	Feb-29	Aug-29	Aug-29	10	Fire Protection System						
17	ROLLING & SYNC.	Mar-29	Mar-29	Sep-29	Sep-29	11	Switch Yard		07.02.2025	Oct-27/ Apr-28	Oct-27/ Apr-28		
18	FULL LOAD	Apr-29	Apr-29	Oct-29	Oct-29	12	Station Transformers		07.02.2025	Apr-28/ Oct-28	Apr-28/ Oct-28		
19	TRIAL RUN	May-29	May-29	Nov-29	Nov-29	13	Generator Transformers		07.02.2025	Jan-29/ July-29	Jan-29/ July-29		
						14	Unit Transformers			Dec-28/ June29	Dec-28/ June29		
20	COD	June-29	June-29	Dec-29	Dec-29	15	Railway Siding						
						16	Power Evacuation Lines		07.02.2025	Mar-29	Sep-29		

CRITICAL ISSUES

--

REASONS OF DELAY

--

KORBA (W) SCTPP, Unit#1 & 2 (2x660 MW)/ 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).			
COAL LINKAGE/FSA	MOC, SLC has recommended for Long Term Coal Linkage on dtd. 09.06.2024 . FSA is to be executed. Kusmunda 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		942
START UP POWER AGREEMENT	LILO with existing 1x500MW unit of HTPS, Korba West.	EXPENDITURE OF SEP’2025		331
POWER EVACUATION SYSTEM	At 400 KV	TOTAL EXPENDITURE (upto 30.09.2025)		942
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 (2x660 MW)/ 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	NA	NA
4	BOILER CEILING GIRDER LIFTING COMPLETION	Mar-27	Mar-27	Sep-27	Sep-27
5	CONDENSER ERECTION START	Sep-27	Sep-27	Mar-28	Mar-28
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	July-28	July-28	Jan-29	Jan-29
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	Jan-29	Jan-29	July-29	July-29
10	TG BOX UP	Sep-28	Sep-28	Mar-29	Mar-29
11	HP PIPING ERECTION COMPLETION	Dec-28	Dec-28	June-29	June-29
12	START OF OILFLUSHING	Oct-28	Oct-28	Apr-29	Apr-29
13	BOILER LIGHT UP	Jan-29	Jan-29	July-29	July-29
14	CHEMICAL CLEANING COMPLETION	Jan-29	Jan-29	July-29	July-29
15	STEAM BLOWING START	Mar-29	Mar-29	Sep-29	Sep-29
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	June-29	June-29	Dec-29	Dec-29
19	TRIAL RUN	July-29	July-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	0	0			
		STRUCTURE	0	0			
		PRESSURE PARTS	0	0			
2	TG	CIVIL	0	0			
		STRUCTURE	0	0			
		TG ERECTION	0	0			
3	ESP	UNDER PROGRESS	0	0			
4	FGD	CIVIL WORK	0	0			
		MATERIAL SUPPLY	0	0			
		ERECTION WORK	0	0			

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						
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	Generator Transformers						
14	Unit Transformers						
15	Railway Siding						
16	Power Evacuation Lines						

CRITICAL ISSUES**REASONS OF DELAY**

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	15530.00
COAL COMBUSTION TECHNOLOGY	Ultra-supercritical		LATEST ESTIMATED COST	15530.00
APPROVAL DATE / NTP	20.06.2023		DATE OF FINANCIAL CLOSURE	20.06.2023
EPC/BTG/BoP Contractor Details (Package Wise)	20-Aug-23: BTG Supply & Supervision Ordering to M/s BHEL		YEAR WISE EXPENDITURE	
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.		2021-2022	50
			2022-23	329.77
			2023-24	1356.23
			2024-25	1580.67
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.		EXPENDITURE OF Sep'2025	298
			2025-26	1853
START UP POWER AGREEMENT	Startup power will be arranged from transmission to be developed by MPPMCL in line with the PSA.		TOTAL EXPENDITURE (upto 30.09.2025)	5169.67
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.			
Configuration of Tx Line (S/C or D/C)				
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.			
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			
MOEF CLEARANCE	MoEFCC Clearance for the Project obtained on 27-Jul-23 (Validity of 10 years as per guideline)			
CIVIL AVIATION CLEARANCE	NOT APPLICABLE			
CPCB CLEARANCE	NOT APPLICABLE			
SPCB CLEARANCE	CTE awaited.			
FOREST CLEARANCE	NOT APPLICABLE			

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	17-09-25	05-09-25	Mar-26	Mar-26
7	HP PIPING ERECTION START	18.08-25	15-08-25	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	Nov-26	Dec-26	May-27	May-27
19	TRIAL RUN	Nov-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	60%	52%
		STRUCTURE	60%	52%
		PRESSURE PARTS	60%	52%
2	TG	CIVIL	67%	50%
		STRUCTURE	67%	50%
		TG ERECTION	67%	50%
3	ESP	UNDER PROGRESS	78%	68%
4	FGD	CIVIL WORK	74%	74%
		MATERIAL SUPPLY	74%	74%
		ERECTION WORK	74%	74%

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	74%	74%	
2	Coal HandlingPlant Conveyor Package Wagon Tippler Crusher House Pkg	M/s MBPL	22.01.24	Jun-26	Jun-26	66.00%		
			NA	NA	NA			
			22.01.24	Jun-26	Jun-26			
3	Ash Handling	M/s MBPL	16.12.23	Jun-26	Jun-26	66%	66%	
4	Fuel Oil System	M/s Raunaq International Limited	28.02.24	Jun-26	Jun-26	57%	57%	
5	Cooling Towers	M/S AS Cooling	02.01.24	May-26	May-26	60%	60%	
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	80%	80%	
7	WPT Plant	Thermax	27.12.23	Jan-26	Jan-26	75%	75%	
8	DM Plant	Thermax	27.12.23	Jan-26	Jan-26	75%	75%	
9	Compressed Air System	M/s Kirloskar Pneumatic Company Ltd.	18.03.24	Feb-26	Feb-26	68%	68%	
10	Fire Protection System	M/s MX Systems International Pvt Ltd	22.06.24	May-26	May-26	47%	47%	
11	Switch Yard	M/s Godrej and Boyce	30.04.24	May-26	May-26	55%	55%	
12	Station Txer	M/s T&R	25.05.24	Jul-26	Jul-26	41%	41%	
13	Generator Txer	M/s TBEA	30.04.24	Jul-26	Jul-26	41%	41%	
14	Unit Txer	M/s T&R	21.05.24	Mar-26	Mar-26	61%	61%	
15	Railway Siding	NA	NA	NA	NA	0%	0%	
16	Power evacuation	NA						

CRITICAL ISSUES

REASONS OF DELAY

MAHAN USCTPP, Ph-III, Unit# 5 & 6 (2X800 MW) / Mahan Energen Ltd. (PRIVATE SECTOR)

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

E-Gen Portal Registration No. (U#5 - 1200004061 ; U#6 - 1200004062)

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#5	Nov-2024	Dec-2026	Aug-2029		
Unit#6		May-2027	Feb-2030		
CLEARANCES AND STATIC DATA			FINANCIAL DATA (Fig. in Rs. Crore)		
FUEL TYPE	Coal Based		ORIGINAL ESTIMATED COST OF THE PROJECT	16000.00	
COAL COMBUSTION TECHNOLOGY	Ultra-supercritical		LATEST ESTIMATED COST	16000.00	
APPROVAL DATE / NTP	30.11.2024		DATE OF FINANCIAL CLOSURE		
EPC/BTG/BoP Contractor Details (Package Wise)	30-Nov-24: BTG Supply & Supervision Ordering to M/s BHEL		YEAR WISE EXPENDITURE		
PPA			2024-25		
			EXPENDITURE OF Sep'2025		
			2025-26		
			TOTAL EXPENDITURE (upto 30.09.2025)	756	
COAL LINKAGE/FSA					
START UP POWER AGREEMENT					
POWER EVACUATION SYSTEM					
LAND POSSESSION					
WATER ALLOCATION	36 MCM water from River Rihand (Govind Vallabh Pant Sagar) with the validity of 30 years				
MOEF CLEARANCE	Available				
CIVIL AVIATION CLEARANCE	Available				
CPCB CLEARANCE	NOT APPLICABLE				
SPCB CLEARANCE	CTE awaited.				
FOREST CLEARANCE	NOT APPLICABLE				

MAHAN USCTPP, Ph-III, Unit# 5 & 6 (2X800 MW) / Mahan Energen Ltd. (PRIVATE SECTOR)													
UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)						STATUS OF MAIN PLANT PACKAGE (BTG) : BHEL (Supply contract)							
Sl.	MILESTONE	UNIT-5		UNIT-6		Sl.	Packages	AREA	UNIT-5	UNIT-6			
		Original Date	Actual / Anticipated Date	Original Date	Actual / Anticipated Date				% Completion	% Completion			
1	COMPLETION OF BOILER FOUNDATION	May-26	May-26	Nov-26	Nov-26	1	BOILER	CIVIL					
2	START OF BOILER ERECTION	May-26	May-26	Nov-26	Nov-26			STRUCTURE					
								PRESSURE PARTS					
3	BOILER DRUM LIFTING (if sub-critical unit)	NA		NA		2	TG	CIVIL					
4	BOILER CEILING GIRDER LIFTING COMPLETION	Feb-27	Feb-27	Sep-27	Sep-27			STRUCTURE					
								TG ERECTION					
5	CONDENSER ERECTION START	Feb-27	Feb-27	Sep-27	Sep-27	3	ESP	UNDER PROGRESS					
6	TG ERECTION START	June-27	June-27	Jan-28	Jan-28	4	FGD	CIVIL WORK					
7	HP PIPING ERECTION START	July-27	July-27	Feb-28	Feb-28			MATERIAL SUPPLY					
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION	Jan-28	Jan-28	Mar-28	Mar-28			ERECTION WORK					
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	Jun-28	Jun-28	Dec-28	Dec-28								
10	TG BOX UP	May-28	May-28	Nov-28	Nov-28	STATUS OF BOPs							
11	HP PIPING ERECTION COMPLETION	May-28	May-28	Nov-28	Nov-28	Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency	Date of Award	Scheduled Date of Completion	Anticipated /Actual Date of Completion	UNIT-5 % Completion	UNIT-6 % Completion
12	START OF OIL FLUSHING	Apr-28	Apr-28	Oct-28	Oct-28	1	Chimney						
13	BOILER LIGHT UP	Feb-29	Feb-29	Sep-29	Sep-29	2	Coal HandlingPlant Conveyor Package Wagon Tippler Crusher House Pkg						
14	CHEMICAL CLEANING COMPLETION	Mar-29	Mar-29	Oct-29	Oct-29								
15	STEAM BLOWING START	Mar-29	Mar-29	Oct-29	Oct-29	3	Ash Handling						
16	STEAM BLOWING COMPLETION	Apr-29	Apr-29	Nov-29	Nov-29	4	Fuel Oil System						
17	ROLLING & SYNC.	Jun-29	Jun-29	Dec-29	Dec-29	5	Cooling Towers						
18	FULL LOAD	Jul-29	Jul-29	Jan-30	Jan-30	6	CW Pump House and Piping						
19	TRIAL RUN	Aug-29	Aug-29	Feb-30	Feb-30	7	WPT Plant						
20	COD	Aug-29	Aug-29	Feb-30	Feb-30	8	DM Plant						
						9	Compressed Air System						
						10	Fire Protection System						
						11	Switch Yard						
						12	Station Txer						
						13	Generator Txer						
						14	Unit Txer						
						15	Railway Siding						
						16	Power evacuation						

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			2023-24	514
			2024-25	325
COAL LINKAGE/FSA			2025-26	1374
			EXPENDITURE OF Sep’2025	316
START UP POWER AGREEMENT			TOTAL EXPENDITURE (upto 30.09.2025)	2213
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	31-07-25	31-07--25
3	BOILER DRUM LIFTING (if sub-critical unit)	-		-	
4	BOILER CEILING GIRDER LIFTING COMPLETION	31-08-25	20-08-25	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	Jul-27	Jul-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	Sep-27	Jan-28	Jul-28	Jul-28
20	COD	Oct-27	Jan-28	Feb-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	32%			24%	
		STRUCTURE	32%			24%	
		PRESSURE PARTS	32%			24%	
2	TG	CIVIL	28%			24%	
		STRUCTURE	28%			24%	
		TG ERECTION	28%			24%	
3	ESP	UNDER PROGRESS	38%			23%	
4	FGD	CIVIL WORK	25%				
		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	38%	
2	Coal Handling Plant	M/s Thyssenkrupp Industries	21.12.24	Sep-27	Sep-27	18%	
3	Ash Handling Plant	M/s Mecgale	16.11.24	Sep-27	Sep-27	19%	
4	Fuel Oil System	M/s United System	27.01.25	Sep-27	Sep-27	18%	
5	Cooling Towers	M/s Hamon Cooling System	20.11.24	Sep-27	Sep-27	27%	27%
6	CW Pump house	M/s Kirloskar Brothers Ltd.	31.10.24	Sep-27	Sep-27	39%	
7	WPT Plant	M/s Ion Exchange	14.11.24	Jun-27	Jun-27	30%	
8	DM Plant	M/s Ion Exchange	14.11.24	Jun-27	Jun-27	30%	
9	Compressed Air System	M/s Kirloskar Pneumatic Company	13.11.24	Sep-27	Sep-27	16%	
10	Fire Protection System	M/s Johnson Control India	29.01.25	Sep-27	Sep-27	7%	
11	Switch Yard	M/s Godrej & Boyce	.01.10.24	Sep-27	Sep-27	11%	
12	Station Transformers	M/s T&R	08.11.24	Sep-27	Sep-27	11%	
13	Generator Transformers	M/s TBEA	08.11.24	Sep-27	Sep-27	11%	
14	Unit Transformers	M/s T&R	12..11.24	Sep-27	Sep-27	9%	
15	Railway Siding	Under Tendering				0%	
16	Power Evacuation Lines	-	-		-	NA	

CRITICAL ISSUES

--

REASONS OF DELAY

--

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

Village Chhote Bhandar, Post Office: Bade Bhandar, Tehsil: Pussore, Raigarh, Chhattisgarh.
E-Gen Portal Registration No. (. Unit-2: 1200004029, Unit -3: 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#2	October 2024		Jan-2028		Jan-2028	
Unit#3			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				2023-24		395
POWER EVACUATION SYSTEM			20024-25		0	
			EXPENDITURE OF Sep’2025		210	
			2025-26		1510	
			TOTAL EXPENDITURE (upto 30.09.2025)		1905	
LAND POSSESSION						
WATER ALLOCATION						
MOEF CLEARANCE						
CIVIL AVIATION CLEARANCE						
CPCB CLEARANCE						
SPCB CLEARANCE						
FOREST CLEARANCE						

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

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)					
Sl.	MILESTONE	UNIT-2		UNIT-3	
		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	30-08-25	05.08-25	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	Dec-26	Dec-26	Jun-27	Jun-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	Nov-27	Oct-27	Apr-28	Apr-28
16	STEAM BLOWING COMPLETION	Nov-27	Nov-27	May-28	May-28
17	ROLLING & SYNC.	Dec-27	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	Feb-28	Jan-28	Jul-28	Jul-28

STATUS OF MAIN PLANT PACKAGE (BTG) : M/s BHEL (Supply)								
Sl.	Packages	AREA	UNIT-2			UNIT-3		
			% Completion			% Completion		
1	BOILER	CIVIL	26%			21%		
		STRUCTURE	26%			21%		
		PRESSURE PARTS	26%			21%		
2	TG	CIVIL	20%			15%		
		STRUCTURE	20%			15%		
		TG ERECTION	20%			15%		
3	ESP	UNDER PROGRESS	31%			22%		
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-2	UNIT-3	
						% Completion	% Completion	
1	Chimney	M/s Rohan Builders	05.11.24	Jan-28	Jan-28	19%		
2	Coal Handling Plant	Conveyor Package/M/s Bengal Tools Ltd	27.11.24	Jan-28	Jan-28	13%		
		Wagon Tippler/ M/s Bengal Tools Ltd	27.11.24	Jan-28	Jan-28			
		Stacker reclaimer package/ M/s Bengal Tools Ltd	27.11.24	Jan-28	Jan-28			
3	Ash Handling Plant	M/s Bengal Tools Ltd	16.10.24	Jan-28	Jan-28	18%		
4	Fuel Oil System	M/s United System	27.01.25	Jan-28	Jan-28	17%		
5	Cooling Towers	M/s Paharpur	27.11.24	Jan-28	Jan-28	19%	19%	
6	CW Pump house	M/s Kirloskar Brothers Ltd	24.12.24	Jan-28	Jan-28	38%		
7	WPT Plant	M/s Ion Exchange	14.11.24	Nov-27	Nov-27	28%		
8	DM Plant	M/s Ion Exchange	14.11.24	Nov-27	Nov-27	28%		
9	Compressed Air System	M/s Kirloskar Pneumatic Comp Ltd	12.09.24	Jan-28	Jan-28	13%		
10	Fire Protection System	M/s Johanson Control India	29.01.25	Jan-28	Jan-28	8%		
11	Switch Yard	M/s Godrej & Boyce	01.10.24	Jan-28	Jan-28	12%		
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	11% 11% 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	30%		
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 23.10.2021 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 progress. 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		