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

Thermal Project Monitoring Division
Central Electricity Authority
New Delhi
Ministry of Power
Government of India
www.cea.nic.in

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

FOREWORD

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

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

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

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

Chief Engineer (TPM)

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

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EXECUTIVE SUMMARY

I. All India Installed Capacity (MW)*

	Thermal					Nuclear	Hydro	RES	Grand total
Sector	Coal	Lignite	Gas	Diesel	Total				
State	72588	1150	6971	280	80989	0	27454	2634	111077
Private	71661	1830	5924	309	79723	0	5131	180355	265209
Central	70450	3640	7238	0	81328	8780	16793	1632	108533
Total	214698	6620	20132	589	242040	8780	49378	184621	484819
% of Gr. Total	44.28%	1.37%	4.15%	0.12%	49.92%	1.81%	10.18%	38.08%	100.00%

*Compiled from Installed Capacity Report on CEA's website (as on 30.06.2025).

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

(as on 30.06.2025)

FY	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	Total (MW)
Central	4900	800	2120	3860	6260	800	18740
State	5980	1320	0	800	1600	0	9700
Private	0	800	2400	1600	0	0	4800
Total	10880	2920	4520	6260	7860	800	33240*

*Two projects of TNPGCL 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 30.06.2025)

Sector	Super Critical / Ultra Super Critical #		Sub-Critical		Total	
	No. of Projects [Units]	Capacity (MW)	No. of Projects [Units]	Capacity (MW)	No. of Projects [Units]	Capacity (MW)
Central	12 [25]	18740	0	0	12 [25]	18740
State	8 [13]	9700	0	0	8 [13]	9700
Private	3 [6]	4800	0	0	3 [6]	4800
Total	23 [44]	33240	0	0	23 [44]	33240*

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.

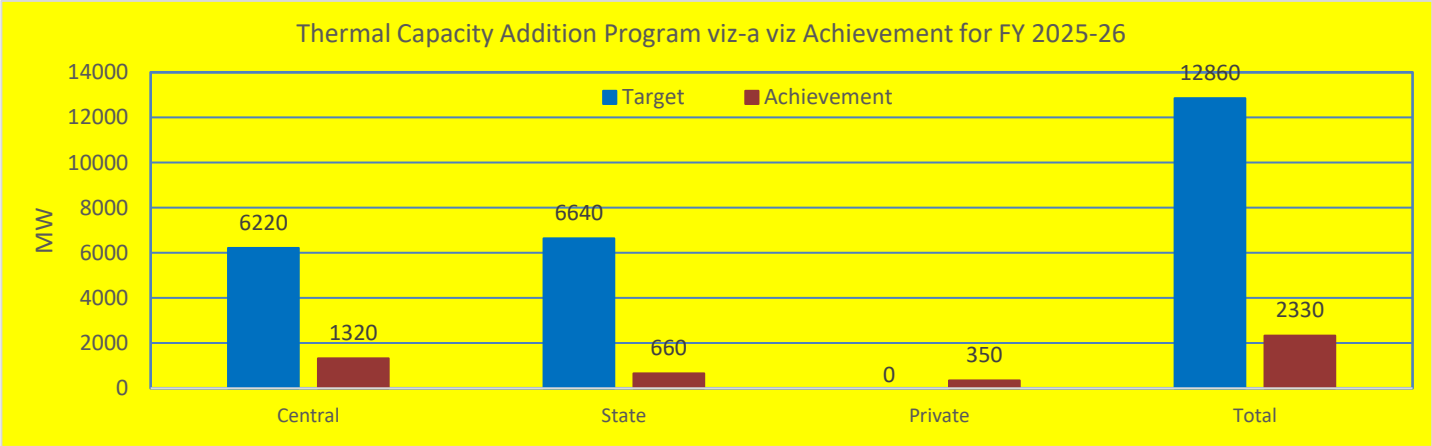
Out of total 23 Supercritical Thermal projects, 15 projects (29 units) of total capacity 22,500 MW are based on Ultra Super critical technology. Sector wise details are as under-

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

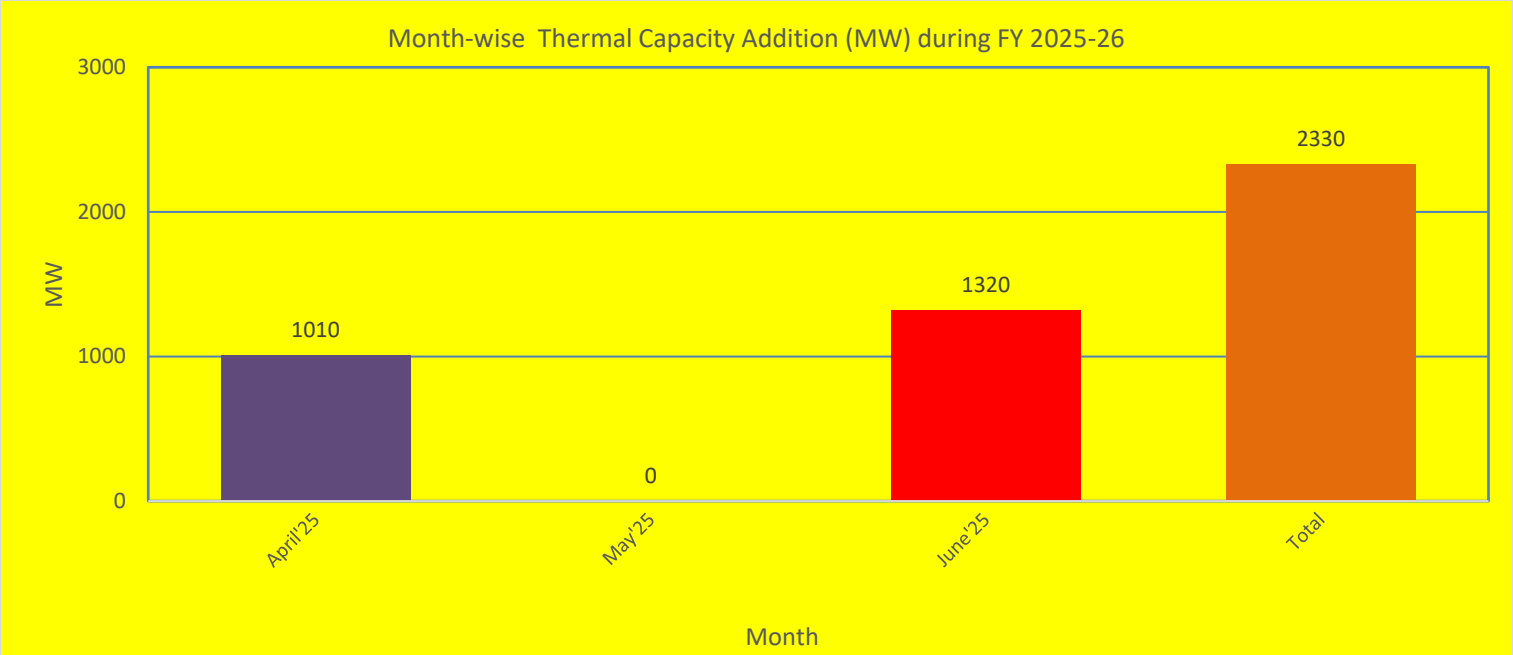
IV. Sector-wise Thermal Capacity Addition during last five years :

	FY:2020-21		FY:2021-22		FY:2022-23		FY:2023-24		FY:2024-25	
Sector	Target	Achieve-ment	Target	Achieve-ment	Target	Achieve-ment	Target	Achieve-ment	Target	Achieve-ment
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 30-06-2025):



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



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

(as on 30.06.2025)

S. No.	Project Name	Implementing Agency	State	Boiler (SG) & Turbine(TG) Make	Unit No	Targeted Capacity (MW) as on 01.04.2025	Anticipated Trial Run (as on 01-04-2025)	Trial Run Assessment as per latest review by CEA	Capacity Achieved (MW)	Actual Date of Capacity Addition
CENTRAL SECTOR										
1	North Karanpura STPP	NTPC	Jharkhand	SG-BHEL (EPC) | TG-BHEL (EPC)	U-3	660	Apr-2025	Apr-2025	660	14-04-2025
2	Barh STPP St-I	NTPC	Bihar	SG-TPE/DPSI | TG-Power Machines	U-3	660	Apr-2025	Jun-2025	660	05-06-2025
3	Buxar TPP	SJVN	Bihar	SG-L&T (EPC) | TG-L&T (EPC)	U-1	660	Jun-2025	Sept-2025		
4	Patratu STPP	PVUNL	Jharkhand	SG-BHEL (EPC) | TG-BHEL (EPC)	U-1	800	Jun-2025	Aug-2025		
5	Ghatampur TPP	NUPPL	Uttar Pradesh	SG-L&T-MHI | TG-GE	U-2	660	Jul-2025	Sept-2025		
6	Khurja SCTPP	THDC	Uttar Pradesh	SG-L&T-MHI | TG-BHEL	U-2	660	Jul-2025	Aug-2025		
7	Buxar TPP	SJVN	Bihar	SG-L&T (EPC) | TG-L&T (EPC)	U-2	660	Oct-2025	Dec-2025		
8	Ghatampur TPP	NUPPL	Uttar Pradesh	SG-L&T-MHI | TG-GE	U-3	660	Nov-2025	Dec-2025		
9	Patratu STPP	PVUNL	Jharkhand	SG-BHEL (EPC) | TG-BHEL (EPC)	U-2	800	Feb-2026	Mar-2026		
Total (Central Sector)			**No. of Units : 9**			**6220 (9)**	**6220 (9)**	**4900 (7)**	**1320 (2)**	
STATE SECTOR										
10	North Chennai TPP St-III	TANGEDCO	Tamil Nadu	SG-BHEL | TG-BHEL	U-1	800	Apr-2025	Jul-2025		
11	Yadadri TPS	TSGENCO	Telangana	SG-BHEL (EPC) | TG-BHEL (EPC)	U-1	800	Apr-2025	Jul-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	WBPDCL	West Bengal	SG-BHEL (EPC) | TG-BHEL (EPC)	U-5	660	Jun-2025	Sept-2025		
14	Udangudi STPP St-I	TANGEDCO	Tamil Nadu	SG-BHEL (EPC) | TG-BHEL (EPC)	U-1	660	Jul-2025	Sept-2025		
15	Yadadri TPS	TSGENCO	Telangana	SG-BHEL (EPC) | TG-BHEL (EPC)	U-4	800	Aug-2025	Oct-2025		
16	Udangudi STPP St-I	TANGEDCO	Tamil Nadu	SG-BHEL (EPC) | TG-BHEL (EPC)	U-2	660	Oct-2025	Dec-2025		
17	Yadadri TPS	TSGENCO	Telangana	SG-BHEL (EPC) | TG-BHEL (EPC)	U-3	800	Oct-2025	Dec-2025		
18	Yadadri TPS	TSGENCO	Telangana	SG-BHEL (EPC) | TG-BHEL (EPC)	U-5	800	Dec-2025	Mar-2026		
Total (State Sector)			**No. of Units : 9**			**6640 (9)**	**6640 (9)**	**5980 (8)**	**660(1)**	
Total Targeted Capacity			**No. of Units : 18**			**12860**	**12860 (18)**	**10880 (15)**	**1980 (3)**	

ADDITIONAL CAPACITY

1	JSW Energy Utkal Limited	M/s JSWEUL	Odisha	TG: Harbin China SG: Cethar Vessels	U-2	-	-	-	350	01.04.2025
Total Additional Capacity			**No. of Units : 1**			**-**	**-**	**-**	**350 (1)**	

1.2 Under Construction Thermal Power Projects in the Country:

(as on 30.06.2025)

S.No.	Project Name	State	Implementing Agency	Boiler	Turbine	Technology	LOA Date	Unit No	Cap. (MW)	Org Trial Run	Antici-pated Trial Run (as per CEA)	Physical Progress (%)	Original Cost (cr)	Latest Cost (cr)	Total Exp. (cr)
CENTRAL SECTOR															
1	Buxar TPP	Bihar	SJVN	L&T	L&T	Ultra Supercritical	Jun-19	U-1	660	May-23	Sep-25	99%	10439	14390	11845
								U-2	660	Sep-23	Dec-25	94%			
2	Lara STPP, St-II	Chhattisgarh	NTPC	BHEL	BHEL	Ultra Supercritical	Aug-23	U-3	800	Dec-27	Dec-27	17%	15530	15530	2125
								U-4	800	Jun-28	Jun-28	12%			
3	Sipat STPP, St-III	Chhattisgarh	NTPC	BHEL	BHEL	Ultra Supercritical	Sep-24	U-6	800	Sep-29	Sep-29	0%	9791	9791	679
4	Patratu STPP	Jharkhand	PVUNL	BHEL	BHEL	Ultra Supercritical	Mar-18	U-1	800	Jan-22	Aug-25	82%	17112	18668	17219
								U-2	800	Jul-22	Mar-26	74%			
								U-3	800	Jan-23	Jul-26	65%			
5	Singrauli STPP, St-III	Madhya Pradesh	NTPC	BHEL	BHEL	Ultra Supercritical	Mar-24	U-8	800	May-29	May-29	18%	17195	17195	1570
								U-9	800	Feb-30	Feb-30	18%			
6	Talcher TPP, St-III	Odisha	NTPC	BHEL	BHEL	Ultra Supercritical	Sep-22	U-1	660	Nov-26	Sep-27	34%	11844	12543	3703
								U-2	660	May-27	Dec-27	19%			
7	NLC Talabira TPP	Odisha	NLC	BHEL	BHEL	Ultra Supercritical	Jan-24	U-1	800	Jan-29	Mar-29	0%	19422	27213	1588
								U-2	800	Jun-29	Sep-29	0%			
								U-3	800	Dec-29	Mar-30	0%			
8	Ghatampur TPP	Uttar Pradesh	NUPPL	L&T MHPS	GE Power system	Supercritical	Aug-16	U-2	660	Nov-20	Sep-25	95%	17238	21781	20024
								U-3	660	May-21	Dec-25	88%			
9	Khurja SCTPP	Uttar Pradesh	THDC	L&T MHI	BHEL	Ultra Supercritical	Aug-19	U-2	660	Jan-24	Aug-25	89%	11089	13276	12581
10	Koderma TPS, Ph-II	Jharkhand	DVC	BHEL	BHEL	Ultra Supercritical	Nov-24	U-1	800	Aug-28	Aug-28	0%	14358	14358	1102
								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	974
								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	1177
								U-4	660	Apr-29	Apr-29	0%			
								Total Central Sector	**18740**				**191639**	**212366**	**74591**
STATE SECTOR															
1	Ennore SCTPP	Tamil Nadu	TANGEDCO	BHEL	BHEL	Supercritical	Sep-14	U-1	660	Jan-18	Sep-26	79%	9800	19585	11590
								U-2	660	Mar-18	Nov-26	77%			
2	North Chennai TPP St-III	Tamil Nadu	TANGEDCO	BHEL	BHEL	Supercritical	Jan-16	U-6	800	Oct-19	Jul-25	96%	6376	11158	10090
3	Udangudi STPP St-I	Tamil Nadu	TANGEDCO	BHEL	BHEL	Supercritical	Dec-17	U-1	660	Jan-21	Sep-25	93%	13077	15077	12837
								U-2	660	Mar-21	Dec-25	93%			
4	Sagardighi TPP St-III	West Bengal	WBPDCL	BHEL	BHEL	Supercritical	Dec-18	U-5	660	Jan-24	Sept-25	93%	3863	4567	2684
5	Yadadri TPS	Telangana	TSGENCO	BHEL	BHEL	Supercritical	Oct-17	U-1	800	Feb-23	Jul-25	95%	29965	36132	31242
								U-3	800	Apr-23	Dec-25	94%			
								U-4	800	May-23	Oct-25	94%			
								U-5	800	Jun-23	Mar-26	90%			
6	DCRTPP Extn.	Haryana	HPGCL	BHEL	BHEL	Ultra Supercritical	Feb-24	U-3	800	Sep-29	Sep-29	0%	6900	7272.07	212
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
								Total State Sector	**9700**				**86576**	**111865**	**69340**
PRIVATE SECTOR															
1	Mahan STPP,Ph-II	Madhya Pradesh	Mahan Energen Ltd	BHEL (Supply)	BHEL (Supply)	Ultra Supercritical	Aug-23	U-3	800	Nov-26	Dec-26	52%	15530	15530	4267
								U-4	800	May-27	May-27	46%			
2	Raipur Ext TPP Ph-II	Chhattisgarh	Adani Power	BHEL (Supply)	BHEL (Supply)	Ultra Supercritical	Jun-24	U-3	800	Jan-28	Jan-28	0%	16000	16000	1582
								U-4	800	Jul-28	Jul-28	0%			
3	Raigarh USCTPP, St-II	Chhattisgarh	Adani Power	BHEL (Supply)	BHEL (Supply)	Ultra Supercritical	Oct-24	U-3	800	Jun-27	Jan-28	0%	16000	16000	1225
								U-4	800	Oct-27	Jul-28	0%			
								Total Private Sector	**4800**				**47530**	**47530**	**7074**
								Grand Total	**33240**				**325745**	**371762**	**151004**

1.3 Under construction TPPs where work is on hold / not likely to be commissioned (As on 30.06.2025)

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 Barsingsar TPS Extension project (1X250 MW) along with Hadla Mine.	2112.59	2112.59	158.25	Jan- 21
2	*Rajasthan*	Bithnok TPP /NLC/Reliance Infra/ Chinese	Nov-16	U-1	250	May-20	Project was held up due to withdrawal of PPA by DISCOM(Rajasthan) due to increased project cost and time over run. On 04-08-2022 a meeting was held (Additional Secretary-Coal, GoI along with NLCIL Directors met Chief Secretary-GoR and Principal Secretary-Energy) to revive the Bithnok TPS. Based on the decision, a consultant was appointed to prepare feasibility. Further, as per the discussions held with Rajasthan government officials, it has been agreed that NLC and GoR will jointly work to revive the Bithnok Thermal Power Project along with Bithnok Mines. The consultant has prepared the feasibility report for revival of the project and the same is under "scrutiny and approval".	2196.3	2196.3	173.82	Jan- 21
TOTAL CENTRAL SECTOR [No. of Projects: 2, No. of Units: 2]					**500**						
PRIVATE SECTOR											
1	*Andhra Pradesh*	Bhavanapadu TPP Ph-I / East Coast Energy Ltd. / BTG DEC china	Sep-09	U-1	660	Oct-13	Liquidation Order date 22/04/2019. Liquidator has partially sold the assets(P&M) of the company on a standalone basis through e-auction. Further, the liquidator has also sold the Land including buildings at the Plant Site on 9th Feb 2023.	6571.94	9343.15	3785.6	Jan- 16
			Sep-09	U-2	660	Mar-14					
2	*Andhra Pradesh*	Thamminapatnam TPP, St-II / Meenakshi Energy Pvt.Ltd. SG-Cether vessels TG- Chinese	Dec-09	U-3	350	May-12	Vedanta Ltd. has bought this plant under NCLT route. The project is likely to be commissioned during 2025-26. (U#3: Jul-2025, U#4: Aug-2025)	5005	5414.4	5414.4	Feb- 19
			Dec-09	U-4	350	Aug-12					
3	*Bihar*	Siriya TPP (Jas Infra. TPP) / JICPL BTG-DEC China	Mar-11	U-1	660	Aug-14	Liquidation Order date 17.07.2020; The Enforcement directorate has attached the assets of the corporate debtor and as a result of which the auction of the assets are kept on hold.	11120	11120	NA	NA
			Mar-11	U-2	660	Dec-14					
			Mar-11	U-3	660	Apr-15					
			Mar-11	U-4	660	Aug-15					
4	*Chhattisgarh*	Akaltara TPP (Naiyara) / KSK Mahandi Power Company Ltd./ Boiler- SEPCO CHINA (Shanhai 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					
5	*Chhattisgarh*	Binjkote TPP/ SKS Power Generation (Chhattisgarh) Ltd. Boiler-Cethar Vessels /Turbine-Harbin China	Mar-11	U-3	300	Mar-14	Reworked bids (seven) received from the Resolution Applicants. Voting is completed. Plan submitted by Sarda Energy & Minerals has been approved by NCLT on 13-08-2024. The Unit#3&4 are likely to be revived by CY 2031.	5058	7940	3828	Jun- 15
			Mar-11	U-4	300	Jun-14					
6	*Chhattisgarh*	Lanco Amarkantak TPP- II/ LAP Pvt. Ltd. BTG-DEC china	Nov-09	U-3	660	Jan-12	Adani Power Limited has bought this plant under NCLT route as per approved the resolution plan on 21-08-2024. The project is likely to be commissioned during 2025-26. (U#3: Sep-2025, U#4: Feb-2026)	6886	10815.24	9537.79	Dec- 16
			Nov-09	U-4	660	Mar-12					
7	*Chhattisgarh*	Singhitarai TPP / Athena Chhattisgarh Power Ltd. BTG –DEC china	Dec-09	U-1	600	Nov-14	Vedanta Ltd. has bought the power plant under liquidation. The project is likely to be commissioned during 2025-26 and 2026-27 (U#1: Jul-2025, U#2: Jul-2026)	6200	8443.79	6408.47	May- 17
			Dec-09	U-2	600	Feb-15					
8	*Chhattisgarh*	Salora TPP / Vandana Vidyut/ Boiler- Cether Vessles /TG Harbin China	Sep-09	U-2	135	Sep-11	The liquidator successfully sold the assets of corporate debtor as per provision of IBC, 2016.	1458.44	2386.89	2386.89	Mar- 15
9	*Chhattisgarh*	Deveri (Visa) TPP / Visa Power Ltd. BTG-BHEL	Jun-10	U-1	600	Aug-13	The liquidator has started the process of liquidating the company by selling the assets of the Corporate Debtor on piecemeal basis. BHEL claims certain unpaid lien on the assets available at the site of the Corporate Debtor and in this regard matter is still pending before the Supreme Court of India.	2618.7	3930	2077.23	Nov- 15
10	*Jharkhand*	Matrishri Usha TPP, Ph-I / Corporate Power Ltd. EPC-BHEL	Dec-09	U-1	270	Apr-12	The liquidator is making endeavor to sell the company as per provision of IBC, 2016 and the regulation laid there in.	2900	3120	3120	Nov- 12
			Dec-09	U-2	270	May-12					
11	*Jharkhand*	Matrishri Usha TPP, Ph-II / Corporate Power Ltd. EPC-BHEL	Mar-11	U-3	270	Oct-12		3182	3182	2207	Sep- 12
			Mar-11	U-4	270	Jan-13					
12	*Jharkhand*	Tori TPP, Ph-I / Essar PowerLtd. BTG- Harbin China	Aug-08	U-1	600	Jul-12	the Liquidator has initiated the e-auction process for realizing the assets of the Corporate Debtor and till date has sold around 15,000 MT of Fabricated Steel Structure from the power plant	5700	5700	4757.92	Jun- 17
			Aug-08	U-2	600	Sep-12					
13	*Jharkhand*	Tori TPP Ph-II / Essar Power Ltd./ BTG- Harbin China	Feb-10	U-3	600	Dec-15		2500	2500	246.65	Mar- 15
14	*Maharashtra*	Amravati TPP Ph-II / Ratan India Power Pvt. Ltd. BTG-BHEL	Oct-10	U-1	270	Jul-14	Company has decided to drop Phase II due to following reasons: a) no new Bids for Long Term PPAs have been coming up in the Market since the last 5 years. b) the revised emission norms under the Environment (Protection) Amendment Rules, 2015 revising, inter alia, emission norms for thermal power	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	plants., drastic changes in the design and equipment of Phase II was required to be carried out.				
15	*Maharashtra*	Nasik TPP Ph-II / Ratan India Nasik Power Pvt. Ltd. BTG- BHEL	Nov-09	U-1	270	Apr-13		6789	6789	711.81	Mar- 15
			Nov-09	U-2	270	Jun-13					
			Nov-09	U-3	270	Aug-13					
			Nov-09	U-4	270	Oct-13					
			Nov-09	U-5	270	Dec-13					
16	*Maharashtra*	Lanco Vidarbha TPP / LVP Pvt. Ltd. EPC- LANCO/ Boiler- Dongfong China / Turbine- Harbin china	Nov-09	U-1	660	Jul-14	Majority of Plant material has been auctioned and removed from site. 706 Acres of Land and approx. 4000 MT of material is yet to be auctioned as they were under Litigation.	6936	10433	5338	Apr- 17
			Nov-09	U-2	660	Nov-14					
17	*Maharashtra*	Bijora Ghanmukh TPP / Jinbhuvish Power Generation Pvt. Ltd.	Sep-11	U-1	300	Dec-16	The coal linkage matter for this project is sub judice and once it is resolved, developer will be looking for funding options and further process.	3189	3450	422.27	Mar- 15
			Sep-11	U-2	300	Mar-17					
18	*Madhya Pradesh*	Gorgi TPP / D.B. Power (MP) Ltd. BTG- BHEL	Mar-11	U-1	660	Jun-13	The company has requested a COD extension with GoMP, and a revival will be planned accordingly on the final permission.	3941	3941	475.79	Sep- 15
19	*Odisha*	KVK Nilanchal TPP/ KVK Nilanchal / BTG-Harbin China	Nov-09	U-1	350	Dec-11	Project sold to successful bidder M/s Padmaprabhu Commodity Trading Pvt Ltd in the E-auction held on 26th August 2022	4990	6000	1708.36	Mar- 15
			Nov-09	U-2	350	Feb-12					
			Nov-09	U-3	350	Feb-12					
20	*Odisha*	Lanco Babandh TPP / LBP Ltd./ BTG- DEC Chinese	Nov-09	U-1	660	Apr-13	the Liquidator has partially sold the assets of the company on a standalone basis through e-auction dated 27.08.2021	6930	10430	7615	Mar- 17
			Nov-09	U-2	660	Aug-13					
21	*Odisha*	Malibrahmani TPP / Monnet Power Co.Ltd. / BTG-BHEL	Jun-10	U-1	525	Dec-12	Jindal Steel & Power has acquired the plant under NCLT route. This plant will be revived in FY 2025-26 (U-1 as captive unit). U-2 of the Plant is likely to be commissioned in Aug'-2025.	5093	6330	5329.75	Dec- 14
			Jun-10	U-2	525	Feb-13					
22	*Tamil Nadu*	Tuticorin TPP (Ind- Barath) / IBPIL / BTG- Shangdong China	May-10	U-1	660	May-12	Successful bidder has been identified. However, the Liquidation process has been stayed by the Hon'ble NCLAT.	3595	3595	2000	May- 15
23	*West Bengal*	Hiranmaye Energy Ltd. (IndiaPower corporation (Haldia) TPP / Haldia Energy Ltd / EPC- MEIL / BTG-BHEL.	Sep-10	U-3	150	May-16	Project is currently under hold	2656	3307	3263.05	Oct- 17
TOTAL PRIVATE SECTOR [No. of Projects:23, No. of Units:50]					22705						
GRAND TOTAL [No. of Projects: 25, No. of Units: 52]					**23205**						

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

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

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

Project Developer / Implementing Agency - PVUNL		Main Plant Vendor - M/s BHEL (EPC contract)	
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual Trial Run Date
Unit#1	Mar-2018	Jan-22	Aug-2025
Unit#2		Jul-22	Mar-2026
Unit#3		Jan-23	Jul-2026

CLEARANCES AND STATIC DATA

FUEL TYPE	Coal, Pithead	
COAL COMBUSTION TECHNOLOGY	Ultra-Supercritical	
APPROVAL DATE / NTP	Nov-2017	
EPC/BTG/BoP Contractor Details (Package Wise)	EPC package awarded to BHEL on 08.03.2018.	
PPA	85% allocated to Jharkhand, PPA signed on 30.03.2016. 15% of powerwill remain as unallocated quota at the disposal of GoI	
COAL LINKAGE/FSA	12 MTPA for Ph-I from Banhardih Coal Mine at a distance of about 110 km. Banhardi Coal Mine transferred to PVUNL vide deed of adherence signed on 02.06.2017. Bridge allocation granted by SLC(LT) upto 24-06-2024; Allocation from CCL; Coal quantity quantified is 9.17 MTPA.	
START UP POWER AGREEMENT	Through 7.5 kms Transmission line : Patratu-Patratu (Main Plant to Katia Substation) D/C Line	
POWER EVACUATION SYSTEM	Tx Line Developer	JUSNL
	Tx Line Name Tx Voltage Level	i)Patratu (PVUNL) –Patratu, 400 kV D/C line (7.5 km). ii) Patratu STPP-Koderma, 400 KV D/C Line (160 Km). iii) Patratu STPP-Chandil, 400 KV D/C Line (150 Km).
	Configuration of Tx Line (S/C or D/C)	D/C
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	
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.	
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.	
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.	

FINANCIAL DATA (Fig. in Rs. Crore)

ORIGINAL ESTIMATED COST OF THE PROJECT	17112.00
LATEST ESTIMATED COST	18668.00
DATE OF FINANCIAL CLOSURE	
YEAR WISE EXPENDITURE	
2015-16	-----
2016-17	-----
2017-18	1314.86
2018-19	797.65
2019-20	921.21
2020-21	1628.36
2021-22	2447.16
2022-23	3776.82
2023-24	2278.82
2024-25	3271.68
EXPENDITURE OF JUN-25	324.10
2025-26	782.79
TOTAL EXPENDITURE (upto 30.06.2025)	17,219.35

Status as on 30.06.2025

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

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)

Sl.	MILESTONE	UNIT-01		UNIT-02		UNIT-03	
		Original Date of Completion	Anticipated / Actual Date of Completion	Original Date of Completion	Anticipated / Actual Date of Completion	Original Date of Completion	Anticipated / Actual Date of Completion
1	COMPLETION OF BOILER FOUNDATION	May-19	Apr-19	Nov-19	Dec-19	May-20	Jan-21
2	START OF BOILER ERECTION	May-19	Aug-19	Nov-19	Dec-19	May-20	Jan-21
3	BOILER DRUM LIFTING (if sub-critical unit)	NA		NA		NA	
4	BOILER CEILING GIRDER LIFTING COMPLETION	Feb-20	Mar-21	Aug-20	May-21	Feb-21	Jan-22
5	CONDENSER ERECTION START	Feb-20	Sep-23	Aug-20	Mar-25	Feb-21	Aug-25
6	TG ERECTION START	Jun-20	Mar-22	Dec-20	Oct-22	Jun-21	Mar-25
7	HP PIPING ERECTION START	Jul-20	Sept-22	Jan-21	Jun-23	Jul-21	Jul-25
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION	Jan-21	Mar-23	Jul-21	Aug-23	Jan-22	Dec-25
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	Jun-21	Apr-24	Dec-21	05.06.25	Jun-22	Jan-26
10	TG BOX UP	May-21	Mar-23	Nov-21	Mar-24	May-22	Mar-26
11	HP PIPING ERECTION COMPLETION	May-21	18.11.24	Nov-21	Jul-25	May-22	Feb-26
12	START OF OIL FLUSHING	Apr-21	18.11.23	Oct-22	7.03.25	Apr-22	Mar-26
13	BOILER LIGHT UP	Jun-21	31.08.24	Dec-21	Nov-25	Jun-22	Mar-26
14	CHEMICAL CLEANING COMPLETION	Jul-21	30.08.24	Jan-22	Aug-25	Jul-22	Mar-26
15	STEAM BLOWING START	Jul-21	18.11.24	Jan-22	Dec-25	Jul-22	Apr-26
16	STEAM BLOWING COMPLETION	Sep-21	11.12.24	Mar-22	Dec-25	Sep-21	Apr-26
17	ROLLING & SYNC.	Nov-21	11.03.25	May-22	Jan-26	Nov-22	May-26
18	FULL LOAD	Dec-21	Jul-25	Jun-22	Feb-26	Dec-22	Jun-26
19	TRIAL RUN	Jan-22	**Aug-25**	Jul-22	**Mar-26**	Jan-23	**Jul-26**
20	COD	Mar-22	Aug-25	Sep-22	Mar-26	Mar-23	Aug-26

STATUS OF MAIN PLANT PACKAGE (BTG) : M/S BHEL

Sl.	Packages	AREA	UNIT-01	UNIT-02	UNIT-03
			% Completion	% Completion	% Completion
1	BOILER	CIVIL	94%	80%	72%
		STRUCTURE	94%	97%	63%
		PRESSURE PARTS	99%	82%	57%
2	TG	CIVIL	77%	67%	32%
		STRUCTURE	99%	99%	95%
3	ESP	UNDER PROGRESS	97%	98%	94%
4	FGD	CIVIL WORK	57%	83%	71%
		MATERIAL SUPPLY	85%	63%	45%
		ERECTION WORK	30%	0%	0%

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%	60%	60%
2	Coal Handling Plant	BHEL PSWR	12.01.2020	08.08.2021	Mar-26	96%		
		BHEL PSWR – Wagon Tippler	15.10.2020	27.07.2021	Mar-26			
		BHEL PSWR – Stacker Reclaimer	09.06.2021	23.06.2022	Mar-26			
3	Ash Handling Plant	BHEL PSWR	15.10.2019	08.12.2021	Mar-26	84%		
4	Fuel Oil System	BHEL PSWR	07.10.2020	08.06.2021	Mar-26	59%		
5	ACC	BHEL	08.04.2022	14.10.2021	Mar-26	95%	41%	38 %
6	CW Pump house	NA (ACC is envisaged)				(Air Cooled Condenser)		
7	WPT Plant	BHEL PSWR	14.01.2021	20.03.2021	Mar-26	98%		
8	DM Plant	BHEL PSWR		27.03.2021	Mar-26	98%		
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	95% 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	65%		
13	Unit Transformers	BHEL Jhansi		17.02.2021	Mar-26	95%		
14	Railway Siding	PMC Contractor-M/s RITES	02.12.2019	01.04.22	Mar-26	72% (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

- Delay in readiness of power evacuation system by JUSNL (Critical for U#1)
- Slow Progress in ACC & AHP system by BHEL (Critical for U#2&3)
- Non-availability of encumbrance free land for Ash Mound
- Inadequate mobilization by BHEL in Unit#2 ACC works.

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 Trial Run Date
Unit#1	Sep-2022	Nov-2026	Sep-2027
Unit#2		May-2027	Dec-2027

CLEARANCES AND STATIC DATA

FUEL TYPE	Coal	
COAL COMBUSTION TECHNOLOGY	Ultra-supercritical	
APPROVAL DATE / NTP	Investment Approval: 26.08.2022	
EPC/BTG/BoP Contractor Details (Package Wise)	EPC Package for TTPP St-III (2X660 MW) awarded to M/s BHEL on 27.09.2022	
PPA	PPA signed; Odisha SEB: 50% (660 MW) on 02.08.2022; Tamil Nadu SEB: 35% (460 MW) on 26.09.2022; Unallocated- 15%	
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	
START UP POWER AGREEMENT	Startup power to be drawn from 400 kV grid.	
POWER EVACUATION SYSTEM	Tx Line Developer	Yet to be awarded
	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
	Configuration of Tx Line (S/C or D/C)	**ISTS** - D/C **STU** – S/C
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.	
WATER ALLOCATION	Available, Source: Up Stream of Samal Barrage from Brahmani River Qty: 39 Cusec	
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	

FINANCIAL DATA (Fig. in Rs. Crore)

ORIGINAL ESTIMATED COST OF THE PROJECT	11843.75
LATEST ESTIMATED COST	12543.47
DATE OF FINANCIAL CLOSURE	
YEAR WISE EXPENDITURE	
2021-22	49.10
2022-23	494.40
2023-24	821.36
2024-25	1738.16
EXPENDITURE OF JUN-25	83.67
2025-26	600.28
TOTAL EXPENDITURE (upto 30.06.2025)	3,703.30

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.

Status as on 30.06.2025

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

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)

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

STATUS OF MAIN PLANT PACKAGE (BTG) : BHEL (EPC contract)

Sl.	Packages	AREA	UNIT-01 % Completion	UNIT-02 % Completion
1	BOILER	CIVIL	80%	70%
		STRUCTURE	46%	29%
		PRESSURE PARTS	0%	0%
2	TG	CIVIL	80%	70%
		STRUCTURE	32%	14%
		TG ERECTION	0%	0%
3	ESP	UNDER PROGRESS	66%	59%
4	FGD	CIVIL WORK	17%	1%
		MATERIAL SUPPLY	0%	0%
		ERECTION WORK	0%	0%

STATUS OF BOPs

Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency	Date of Award	Scheduled Date of Completion	Anticipated /Actual Date of Completion	UNIT-01 % Completion	UNIT-02 % Completion
1	Chimney	BHEL	Sep-22	Nov-25	Nov-25 (U1) Mar-26 (U2)	50%	
2	Coal HandlingPlant	Conveyor Package - BHEL	Sep-22	Jan-26	Jan-26 (U1) May-26 (U2)	13%	
		Track Hopper- BHEL	Sep-22	NA	Jan-26 (U1) May-26 (U2)	13%	
		Stacker Reclaimer - BHEL	Sep-22	Jan-26	Jan-26 (U1) May-26 (U2)	13%	
3	Ash Handling	BHEL	Sep-22	Apr-26	Apr-26 (U1) Aug-26 (U2)	11%	
4	Fuel Oil System	BHEL	Sep-22	Nov-25	Nov-25 (U1) Mar-26 (U2)	54%	54%
5	Cooling Towers	BHEL	Sep-22	Dec-25	Dec-25 (U1) Apr-26 (U2)	36%	30%
6	CW Pump House and Piping	BHEL	Sep-22	Nov-25	Nov-25 (U1) Mar-26 (U2)	63%	63%
7	WPT Plant	BHEL	Sep-22	Sep-25	Sep-25 (U1) Jan-26 (U2)	5%	5%
8	DM Plant	BHEL	Sep-22	Jul-25	Jul-25 (U1) Nov-25 (U2)	5%	5%
9	Compressed Air System	BHEL	Sep-22	Dec-25	Dec-25 (U1) Apr-26 (U2)	0%	0%
10	Fire Protection System	BHEL	Sep-22	Aug-26	Aug-26 (U1) Dec-26 (U2)	5%	5%
11	Switch Yard	BHEL	Sep-22	Mar-26	Mar-26 (U1) Jul-26 (U2)	16%	
12	Station Txer	BHEL	Sep-22	Apr-25	Apr-26 (U1) Aug-26 (U2)	20%	20%
13	Generator Txer	BHEL	Sep-22	Apr-26	Apr-26 (U1) Aug-26 (U2)	20%	20%
14	Unit Txer	BHEL	Sep-22	Apr-26	Apr-26 (U1) Aug-26 (U2)	20%	20%
15	Railway Siding	RITES	Dec-22	July-25	Jun-25 (U1) Jun-25 (U2)	10%	10%
16	Power evacuation	a. ISTS connectivity: Talcher Stage-III to ISTS Pandiabili [Power Grid] pooling station (App. 120kms); b. STU connectivity: Talcher stage-III to Meramundali-B [OPTCL] (App.12kms).					

CRITICAL ISSUES

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

REASONS OF DELAY

-NA-

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

Lara STPP, Village - Chhapora, PO/PS- Pussore, Distt.-Raigarh (C.G.) – 496 440
E-Gen Portal Registration No. (U#3 - 1200003870 ; U#4 - 1200003871)

Project Developer / Implementing Agency - NTPC		Main Plant Vendor (BTG) -BHEL(EPC contract)	
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual Trial Run Date
Unit#3	Aug-2023	Dec-2027	Dec-2027
Unit#4		Jun-2028	Jun-2028

CLEARANCES AND STATIC DATA

FUEL TYPE	Coal Based	
COAL COMBUSTION TECHNOLOGY	Ultra-Supercritical	
APPROVAL DATE / NTP	29.08.23	
EPC/BTG/BoP Contractor Details (Package Wise)	BHEL-EPC	
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	
COAL LINKAGE/FSA	7 MMTPA coal from Talaipalli Coal block allocated to NTPC	
START UP POWER AGREEMENT	From existing stage I, 400 kV switchyard.	
POWER EVACUATION SYSTEM	Tx Line Developer	To be finalised
	Tx Line Name Tx Voltage Level	400 kV D/C (Quad) Lara-II to Champa PS (Length ~100 km) granted in Jan-2024.
	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	

FINANCIAL DATA (Fig. in Rs. Crore)

ORIGINAL ESTIMATED COST OF THE PROJECT	15530.00
LATEST ESTIMATED COST	15530.00
DATE OF FINANCIAL CLOSURE	
YEAR WISE EXPENDITURE	
2022-23	252
2023-24	500
2024-25	972.11
EXPENDITURE OF JUN-25	258.21
2025-26	400.95
TOTAL EXPENDITURE (upto 30.06.2025)	2,124.98

Status as on 30.06.2025

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

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)

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

STATUS OF MAIN PLANT PACKAGE (BTG) : BHEL

Sl.	Packages	AREA	UNIT-01 % Completion	UNIT-02 % Completion
1	BOILER	CIVIL	100%	70%
		STRUCTURE	18%	7%
		PRESSURE PARTS	0%	0%
2	TG	CIVIL	70%	47%
		STRUCTURE	0%	0%
		TG ERECTION	0%	0%
3	ESP	UNDER PROGRESS	30%	17%
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-01 % Completion	UNIT-02 % Completion
1	Chimney	BHEL	Aug'23	U#1-Oct26 U#2-Feb27	U#1-Oct26 U#2-Feb27	15%	10%
2	Coal HandlingPlant	Conveyor Package -	Aug'23	U#1-Dec26 U#2-Apr27	U#1-Dec26 U#2-Apr27	6%	13%
		Stacker Reclaimer -	NA	NA	NA	NA	NA
		Track Hopper	Aug'23	U#1-Dec26 U#2-Apr27	U#1-Dec26 U#2-Apr27	6%	13%
3	Ash Handling	BHEL	Aug'23	U#1-Feb27 U#2-Jun27	U#1-Feb27 U#2-Jun27	4%	4%
4	Fuel Oil System	BHEL	Aug'23	U#1-Oct26 U#2-Feb27	U#1-Oct26 U#2-Feb27	0%	0%
5	Cooling Towers	BHEL	Aug'23	U#1-Sep26 U#2-Jan27	U#1-Sep26 U#2-Jan27	13%	13%
6	CW Pump	BHEL	Aug'23	U#1-Sep26 U#2-Jan27	U#1-Sep26 U#2-Jan27	23%	23%
7	WPT Plant	BHEL	Aug'23	U#1-Aug26 U#2-Dec26	U#1-Aug26 U#2-Dec26	2%	2%
8	DM Plant	BHEL	Aug'23	U#1-Jun26 U#2-Oct26	U#1-Jun26 U#2-Oct26	0%	0%
9	Compressed Air System	BHEL	Aug'23	U#1-Sep26 U#2-Jan27	U#1-Sep26 U#2-Jan27	0%	0%
10	Fire Protection System	BHEL	Aug'23	U#1-Jul27 U#2-Nov27	U#1-Jul27 U#2-Nov27	0%	0%
11	Switch Yard	BHEL	Aug'23	U#1-Feb27 U#2-Jun27	U#1-Feb27 U#2-Jun27	10%	10%
12	Station Txer	BHEL	Aug'23	U#1-Feb26 U#2-Jun26	U#1-Feb26 U#2-Jun26	20%	20%
13	Unit Txer	BHEL	Aug'23	U#1-Apr27 U#2-Aug27	U#1-Apr27 U#2-Aug27	20%	20%
14	Railway Siding	RITES	Application filed to Railways for FR approval			0%	0%
15	Power evacuation	Umbrella MoU done with PowerGrid					

CRITICAL ISSUES

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	
FUEL TYPE	Coal, Pithead
COAL COMBUSTION TECHNOLOGY	Ultra-Supercritical
APPROVAL DATE / NTP	03.03.2024 (Investment Approval)
PPA	PPA signed with UPPCL, PSPCL, RUVNL, UPCL, Consent available from J&K
COAL LINKAGE/FSA	21.04.2020,NCL,G-10 and 5.61 MTPA
START UP POWER AGREEMENT	400 kV D/C Interconnection Between VSTPP-V to Singruali-III with twin Moose conductor.
POWER EVACUATION SYSTEM	400 KV D/C between VSTPP-V to Singruali-III with Quad Moose conductor.
LAND POSSESSION	Land is available and in possession.
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

FINANCIAL DATA (Fig. in Rs. Crore)	
ORIGINAL ESTIMATED COST OF THE PROJECT	17195.31
LATEST ESTIMATED COST	17195.31
DATE OF FINANCIAL CLOSURE	03.03.2024
YEAR WISE EXPENDITURE	
2023-24	-
2024-25	1220.74
EXPENDITURE OF JUN-25	147.35
2025-26	349.05
TOTAL EXPENDITURE (up to 30.06.2025)	1,569.79

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

UNIT WISE MILESTONES (ANTICIPATED/ ACTUAL)

Sl.	Milestone	UNIT-08		UNIT-09	
		Original Date of Completion	Actual / Anticipated Date of Completion	Original Date of Completion	Actual / Anticipated Date of Completion
1	Completion Of Boiler Foundation	Nov-25	Nov-25	Aug-26	Aug-26
2	Start Of Boiler Erection	Nov-25	Nov-25	Aug-26	Aug-26
3	Boiler Ceiling Girder Lifting Completion	Mar-26	Mar-26	Dec-26	Dec-26
4	Condenser Erection Start	Oct-26	Oct-26	Jul-27	Jul-27
5	TG Erection Start	Nov-26	Nov-26	Aug-27	Aug-27
6	HP Piping Erection Start	Jun-26	Jun-26	Mar-27	Mar-27
7	Boiler Hydro Test (Drainable) Completion	Sep-27	Sep-27	Jun-28	Jun-28
8	Boiler Hydro Test (Non-Drainable) Completion	Nov-27	Nov-27	Aug-28	Aug-28
9	TG BOX UP	Mar-28	Mar-28	Dec-28	Dec-28
10	HP Piping Erection Completion	May-28	May-28	Feb-29	Feb-29
11	Start Of Oil Flushing	Apr-28	Apr-28	Jan-29	Jan-29
12	Boiler Light Up	May-28	May-28	Feb-29	Feb-29
13	Chemical Cleaning Completion	Jun-28	Jun-28	Mar-29	Mar-29
14	Steam Blowing Start	Aug-28	Aug-28	May-29	May-29
15	Steam Blowing Completion	Sep-28	Sep-28	Jun-29	Jun-29
16	Rolling & Sync.	Mar-29	Mar-29	Dec-29	Dec-29
17	Full Load	Apr-29	Apr-29	Jan-30	Jan-30
18	Trial Run	**May-29**	**May-29**	**Feb-30**	**Feb-30**
19	COD	Jun-29	Jun-29	Mar-30	Mar-30

STATUS OF MAIN PLANT PACKAGE (BTG-BHEL)

Sl	PACKAGE	AREA	UNIT-08	UNIT-09
1	BOILER	CIVIL	95%	94%
		STRUCTURE	0%	0%
		PRESSURE PARTS	0%	0%
2	TG	CIVIL	72%	26%
		STRUCTURE	0%	0%
		TG ERECTION	0%	0%
3	ESP	UNDER PROGRESS	25%	60%
4	FGD	CIVIL WORK	0%	0%
		MATERIAL SUPPLY	0%	0%
		ERECTION WORK	0%	0%

STATUS OF BOPs

Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency (DPSI)	Date of Award	Scheduled Date of Comp.	Ant/ Actual Date of Comp.	UNIT 08	UNIT 09
1	Chimney	M/s Kanwar	29.10.24	U#8-Aug-28 U#9-May-29	U#8-Aug-28 U#9-May-29	37%	37%
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	1%	2%
		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%
		Stacker Reclaimer - ISGEC	25.09.24	Aug-28	Aug-28	0%	0%
3	Ash Handling Plant	To be awarded		Apr-29	Apr-29	0%	0%
4	Fuel Oil System			Jul-28	Jul-28	0%	0%
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	22%	25%
6	CW Pump house	M/s Barbarik (Civil) M/s Dew Projects and Chemical Ltd	24.03.25	U#8-Nov-27 U#9-Jun-28	U#8-Nov-27 U#9-Jun-28	4%	5%
7	WPT Plant			U#8-May-28 U#9-Sep-28	U#8-May-28 U#9-Sep-28	0%	0%
8	DM Plant			U#8-Dec-27 U#9-Mar-28	U#8-Dec-27 U#9-Mar-28	16%	14%
9	Compressed Air System			U#8-Apr-28 U#9-Oct-28	U#8-Apr-28 U#9-Oct-28	0%	0%
10	Fire Protection System			U#8-Sep-28 U#9-Mar-28	U#8-Sep-28 U#9-Mar-28	0%	0%
11	Switch Yard	To be awarded		U#8-Feb-28 U#9-Jun-28	U#8-Feb-28 U#9-Jun-28	2%	0%
12	Station Transformers			U#8-Aug-27 U#9-Jan-28	U#8-Aug-27 U#9-Jan-28	10%	0%
13	Unit Transformers			U#8-Oct-28 U#9-Feb-29	U#8-Oct-28 U#9-Feb-29	0%	0%
14	Railway Siding	MG Infra(FR Study)		Nov-29	Nov-29	0%	0%
15	Power Evacuation Lines			Nov-29	Nov-29	0%	0%

CRITICAL AREAS

REASONS OF DELAY

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

District: Bilaspur, Chhatisgarh

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	
FUEL TYPE	Coal
COAL COMBUSTION TECHNOLOGY	Ultra-supercritical
APPROVAL DATE / NTP	19-09-2024 (Investment approval) / 20-09-2024 (EPC pkg award)
PPA	PPA Signed with Chhattisgarh, Gujarat and Madhya Pradesh. Consent available from Goa.
COAL LINKAGE/FSA	SLC-LT granted coal linkage during meeting on 21.02.2023 (3.25 MTPA)
START UP POWER AGREEMENT	Proposed to be drawn from existing Sipat stage-I & II 132 kV switchyard.
POWER EVACUATION SYSTEM	Connectivity granted at existing Stage-I &II generation 765 kV switchyard
LAND POSSESSION	Land is available and in possession.
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

FINANCIAL DATA (Fig. in Rs. Crore)	
ORIGINAL ESTIMATED COST OF THE PROJECT	₹ 9,791 Cr. (Approved on 19.09.24)
LATEST ESTIMATED COST	₹ 9791 Cr.
DATE OF FINANCIAL CLOSURE	19.09.24
YEAR WISE EXPENDITURE	
2024-25	₹ 621.48
EXPENDITURE OF JUN-25	28.22
2025-26	57.28
TOTAL EXPENDITURE (Upto 30.06.2025)	₹ 678.76

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

UNIT WISE MILESTONES (ANTICIPATED/ ACTUAL)

SI.	Milestone	UNIT-6	
		Original Date of Completion	Actual / Anticipated Date of Completion
1	Completion Of Boiler Foundation	Mar-25	Mar-25
2	Start Of Boiler Erection	Sep-25	Sep-25
3	Boiler Ceiling Girder Lifting Completion	Feb-26	Feb-26
4	Condenser Erection Start	Jan-27	Jan-27
5	TG Erection Start	Feb-27	Feb-27
6	HP Piping Erection Start	Mar-27	Mar-27
7	Boiler Hydro Test (Drainable) Completion	Jan-28	Jan-28
8	Boiler Hydro Test (Non-Drainable) Completion	Aug-28	Aug-28
9	TG BOX UP	Dec-28	Dec-28
10	HP Piping Erection Completion	Sep-28	Sep-28
11	Start Of Oil Flushing	Feb-29	Feb-29
12	Boiler Light Up	Sep-28	Sep-28
13	Chemical Cleaning Completion	Nov-28	Nov-28
14	Steam Blowing Start	Mar-29	Mar-29
15	Steam Blowing Completion	Apr-29	Apr-29
16	Rolling & Sync.	Jul-29	Jul-29
17	Full Load	Aug-29	Aug-29
18	Trial Run	**Sep-29**	**Sep-29**
19	COD	Oct-29	Oct-29

STATUS OF MAIN PLANT PACKAGE (BTG)

SI	PACKAGE	AREA	UNIT-01
1	BOILER	CIVIL	2%
		STRUCTURE	0%
		PRESSURE PARTS	0%
2	TG	CIVIL	0%
		STRUCTURE	0%
		TG ERECTION	0%
3	ESP	UNDER PROGRESS	1%
4	FGD	CIVIL WORK	0%
		MATERIAL SUPPLY	0%
		ERECTION WORK	0%

Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency (DPSI)	Date of Award	Scheduled Date of Comp.	Ant/ Actual Date of Comp.	UNIT01
1	Chimney	To be awarded		Mar-28	Mar-28	0%
2	Coal Handling Plant	M/s BTL	20.03.25	Apr-28	Apr-28	0%
						0%
						0%
3	Ash Handling Plant	To be awarded		Feb-28	Feb-28	0%
4	Fuel Oil System	To be awarded		Jan-28	Jan-28	0%
5	Cooling Towers	M/s AS Cooling	18.03.25	Sep-27	Sep-27	0%
6	CW Pump house	To be awarded		Jun-27	Jun-27	0%
7	WPT Plant	To be awarded		Sep-27	Sep-27	0%
8	DM Plant	To be awarded		Jul-27	Jul-27	0%
9	Compressed Air System	To be awarded		Sep-27	Sep-27	0%
10	Fire Protection System	To be awarded		Jul-28	Jul-28	0%
11	Switch Yard	To be awarded		Jan-28	Jan-28	0%
12	Station Transformers	To be awarded		Feb-27	Feb-27	0%
13	Unit Transformers	To be awarded		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

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	
FUEL TYPE	Coal, Non-Pithead
COAL COMBUSTION TECHNOLOGY	Ultra-Supercritical
APPROVAL DATE / NTP	05.11.2024 (Investment Approval)/ 03-03-2025 (NOA for Main Plant (BTG) Package issued to M/s L&T)
PPA	PPA signed with Bihar, Rajasthan and West Bengal.
COAL LINKAGE/FSA	SLC-LT granted coal linkage during meeting on 03.01.2024 (10.18 MTPA)
START UP POWER AGREEMENT	Proposed to be drawn from existing Nabinagar STPS Stage-I 400kV switchyard.
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.
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

FINANCIAL DATA (Fig. in Rs. Crore)	
ORIGINAL ESTIMATED COST OF THE PROJECT	29947.91
LATEST ESTIMATED COST	29947.91
DATE OF FINANCIAL CLOSURE	03.03.2024
YEAR WISE EXPENDITURE	
2024-25	469.35
EXPENDITURE OF JUN-25	23.72
2025-26	504.79
TOTAL EXPENDITURE (up to 30.06.25)	974.14

Status as on 30.06.2025

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

UNIT WISE MILESTONES (ANTICIPATED/ ACTUAL)

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

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

SI	PACKAGE	AREA	UNIT-4	UNIT-5	UNIT-6
1	BOILER	CIVIL	0%	0%	0%
		STRUCTURE	0%	0%	0%
		PRESSURE PARTS	0%	0%	0%
2	TG	CIVIL	0%	0%	0%
		STRUCTURE	0%	0%	0%
		TG ERECTION	0%	0%	0%
3	ESP	UNDER PROGRESS	0%	0%	0%
4	FGD	CIVIL WORK	0%	0%	0%
		MATERIAL SUPPLY	0%	0%	0%
		ERECTION WORK	0%	0%	0%

STATUS OF BOPs

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
1	Chimney	To be awarded				0%	0%	0%
2	Coal Handling Plant	To be awarded				0%	0%	0%
		To be awarded				0%	0%	0%
		To be awarded				0%	0%	0%
3	Ash Handling Plant	To be awarded				0%	0%	0%
4	Fuel Oil System	To be awarded				0%	0%	0%
5	ACC	M/s L&T				0%	0%	0%
6	CW Pump house	NA				0%	0%	0%
7	WPT Plant	To be awarded				0%	0%	0%
8	DM Plant	To be awarded				0%	0%	0%
9	Compressed Air System	To be awarded				0%	0%	0%
10	Fire Protection System	To be awarded				0%	0%	0%
11	Switch Yard	To be awarded				0%	0%	0%
12	Station Transformers	To be awarded				0%	0%	0%
13	Unit Transformers	To be awarded				0%	0%	0%
14	Railway Siding	To be awarded				0%	0%	0%
15	Power Evacuation Lines	To be awarded				0%	0%	0%

CRITICAL AREAS

REASONS OF DELAY

Status as on 30-06-2025

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	Sep-2025
Unit#3		May-2021	Dec-2025

CLEARANCES AND STATIC DATA

FUEL TYPE	Coal, Indigenous	
COAL COMBUSTION TECHNOLOGY	Supercritical	
APPROVAL DATE / NTP	GoI Sanction - 27.07.2016	
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	
PPA	75% PPA Signed with Uttar Pradesh Power Corporation Ltd.(UPPCL). Balance 25% PPA signed with Assam PDCL.	
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.	
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).	
POWER EVACUATION SYSTEM	Tx Line Developer	M/S GTL
	Tx Line Name Tx Voltage Level	i)765 KV, S/C, Ghatampur-Agra line; ii) 765 KV, S/C, Ghatampur- Hapur Line; iii) 400 KV D/C,Ghatampur-Kanpur line
	Configuration of Tx Line (S/C or D/C)	Both
LAND POSSESSION	Total Pocket land-52.33 Ha. (As per initial approval); Total Pocket land registered/ Acquired- 47.4790 Ha. (As per current reconciliation);	
WATER ALLOCATION	80 cusec from UP Irrigation department (44.6 km from GTPP)	
MOEF CLEARANCE	Clearance obtained date from concerned authority-: 17.06.2015 validity of it (If any).:- 7 Years	
CIVIL AVIATION CLEARANCE	Clearance obtained date from concerned authority:- 13.12.2013 Validity : - 5 Years, NUPPL had sent compliance to AAI regarding the	
CPCB CLEARANCE	NOT APPLICABLE	
SPCB CLEARANCE	Clearance obtained date from concerned authority,:- 17.11.2017; validity of it.- 5 Years	
FOREST CLEARANCE	NOT APPLICABLE	

FINANCIAL DATA (Fig. in Rs. Crore)

ORIGINAL ESTIMATED COST OF THE PROJECT	17237.80
LATEST ESTIMATED COST	21781.0
DATE OF FINANCIAL CLOSURE	22.06.2021
YEAR WISE EXPENDITURE	
2016-17	927.76
2017-18	1228.45
2018-19	3517.83
2019-20	3525.17
2020-21	2260.09
2021-22	1901.77
2022-23	1510.79
2023-24	1920.57
2024-25	2874.67
EXPENDITURE OF JUN'2025	116.25
2025-26	356.77
TOTAL EXPENDITURE (upto 30.06.2025)	20,023.87

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	Anticipated / Actual Date of Completion	Original Date of Completion	Anticipated / Actual Date of Completion	Original Date of Completion	Anticipated / 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	Jul-25
14	CHEMICAL CLEANING COMPLETION	Oct-19	24.07.2021	Apr-20	13-08-24	Oct-20	Jun-25
15	STEAM BLOWING START	Dec-19	23.06.2022	May-20	16-Apr-25	Nov-20	Aug-25
16	STEAM BLOWING COMPLETION	Jan-20	13.08.2022	Jun-20	23.06.25	Dec-20	Sep-25
17	ROLLING & SYNC.	Mar-20	04.11.2023	Aug-20	Jul-25	Jan-21	Oct-25
18	FULL LOAD	Apr-20	19.11.2024	Oct-20	Aug-25	Apr-21	Oct-25
19	TRIAL RUN	May-20	03-12-24	Nov-.20	Sep-25	May-21	Dec-25
20	COD	Jun-20	12-12-24	Nov-.20	Oct-25	Jun-.21	Jan-26

STATUS OF MAIN PLANT PACKAGE (BTG) : SG - L&T MHI, TG - GE

Sl.	Packages	AREA	UNIT-1	UNIT-2	UNIT-3
			% Completion	% Completion	% Completion
1	BOILER	CIVIL	100%	95%	96.73%
		STRUCTURE	100%	99%	98%
		PRESSURE PARTS	100%	100%	100%
2	TG	CIVIL	100%	100%	100%
		STRUCTURE	100%	100%	100%
3	ESP	UNDER PROGRESS	100%	100%	100%
4	FGD	CIVIL WORK	GA-3 Package material shifting from FGD area is under progress, 1900Mt of GA-3 material already shifted.		
		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- July-25; U3-Aug 25	100%	84%	84%
2	Coal Handling Plant	Conveyor Pkg – BGR Energy System Ltd.	21.11.2016	20.07.2019	Dec 24, Aug-25, Oct 25	100%	86%	66%
		Wagon Tippler - BGR Energy System Ltd.	21.11.2016	U1-Jul19, U2&3-Jan20	U1- Aug-25, U2&3- Oct-25	85%		
		Stacker Reclaimer - BGR Energy System Ltd.	21.11.2016	U1-Jun19, U2&3-Feb20	SR1- Aug-25, SR2-Oct 25	78%		
3	Ash Handling Plant	BGR Energy System Ltd.	21.11.2016	Jul19, Mar20, Feb20	Dec24, July-25, Sep25	100%	86%	51%
4	Fuel Oil System	L&T MHI Power Boilers Pvt Ltd	21.11.2016	24.10.2019	Jun-25	99%		
5	Cooling Towers	BGR Energy System Ltd.	21.11.2016	20.11.2020	Jul24, Aug-25, Sep25	100%	93%	78%
6	CW Pump house	BGR Energy System Ltd.	21.11.2016	20.11.2020	Oct24, Jun-25, Aug25	100%	100%	57%
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, July-25, Oct 25	98%	85%	63%
11	Switch Yard	BGR Energy System Ltd.	21.11.2016	20.02.2020	July-25 Oct-25	100%	99%	47%
12	Station Transformers	GE-Power Systems India Pvt. Ltd.	02.08.2016	Apr19, Oct19, Apr20	Feb21(A), Aug22(A), July-25	100.0%	100.0%	98%
13	Unit Transformers	GE-Power Systems India Pvt. Ltd.	02.08.2016	Apr19, Oct19, Apr20	Jul22(A), Dec22 (A), July-25	100.0%	100%	98%
14	Railway Siding	RITES	29.03.2019	28.03.2021	July-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.

Status as on 30-06-2025

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

FUEL TYPE	Coal, Pithead
COAL COMBUSTION TECHNOLOGY	Ultra-Supercritical
APPROVAL DATE / NTP	NTP issued on 27-11-2024
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%)"
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 36th month from the date of NTP. Start-up power agreement will be made with ERLDC as per CERC guidelines and prior to 36th 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

FINANCIAL DATA (Fig. in Rs. Crore)

ORIGINAL ESTIMATED COST OF THE PROJECT	19,422.44
LATEST ESTIMATED COST	27,212.96
DATE OF FINANCIAL CLOSURE	
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 June'25	45.41
2025-26	376.61
TOTAL EXPENDITURE (up to 30.06.2025)	1588.23

Status as on 30-06-2025

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

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)

SI.	Milestone	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
2	Start Of Boiler Erection	Dec25	Jan-26	May-26	Jul-26	Oct-26	Jan-27
3	Boiler Ceiling Girder Lifting Completion	Nov-26	Nov-26	Dec-26	Dec-26	May-27	May-27
4	Condenser Erection Start	Apr-26	Mar-26	Apr-27	Sep-26	Sep-27	Mar-27
5	TG Erection Start	Jun-26	feb-27	May-27	Jul-27	Oct-27	Feb-28
6	HP Piping Erection Start	Oct-27	Dec-27	Sep-28	May-28	Sep-27	Oct-28
7	Boiler Hydro Test (Drainable) Completion	Aug-27	Sep-27	Oct-27	Apr-28	Mar-28	Sep-28
8	Boiler Hydro Test (Non-Drainable) Completion	Feb-28	May-28	May-28	Nov-28	Oct-28	May-28
9	TG BOX UP	Nov-27	Apr-28	May-28	Oct-28	Oct-28	Apr-29
10	HP Piping Erection Completion	Sep-26	Jul-28	Oct-28	Jan-29	Mar-29	Jul-29
11	Start Of Oil Flushing	Sep-27	Apr-28	June-28	Oct-28	Nov-28	Apr-29
12	Boiler Light Up	Jun-28	Jun-28	May-28	Dec-28	Oct-28	Jun-29
13	Chemical Cleaning Completion	Jul-28	Jul-28	June-28	Jan-29	Nov-28	Jul-29
14	Steam Blowing Start	Aug-28	Sep-28	July-28	Mar-29	Dec-28	Sep-29
15	Steam Blowing Completion	Sep-28	Oct-28	Aug-28	Apr-29	Jan-29	Oct-29
16	Rolling & Sync.	Mar-28	Dec-28	Sep-28	Jun-29	Feb-29	Dec-29
17	Full Load	Apr-28	Feb-29	Oct-28	Aug-29	Mar-29	Feb-30
18	Trial Run	May-28	Mar-29	Nov-28	Sep-29	Apr-29	Mar-30
19	COD	June'28	Apr'29	Dec'28	Oct'29	May'29	Apr'30

STATUS OF MAIN PLANT PACKAGE (BTG) - M/s BHEL

SI	PACKAGE	AREA	UNIT-01	UNIT-02	UNIT-03
1	BOILER	CIVIL	0	0	0
		STRUCTURE	0	0	0
		PRESSURE PARTS	0	0	0
2	TG	CIVIL	0	0	0
		STRUCTURE	0	0	0
		TG ERECTION	0	0	0
3	ESP	UNDER PROGRESS	0	0	0
4	FGD	CIVIL WORK	0	0	0
		MATERIAL SUPPLY	0	0	0
		ERECTION WORK	0	0	0

STATUS OF BOPs

Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency (DPSI)	Date of Award	Scheduled Date of Comp.	Ant/ Actual Date of Comp.	UNIT 01	UNIT 02	UNIT03
1	Chimney	-	-	-	-	0	0	0
2	Coal Handling Plant	-	-	-	-	0	0	0
		-	-	-	-	0	0	0
		-	-	-	-	0	0	0
3	Ash Handling Plant	-	-	-	-	0	0	0
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

-

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

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

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

Project Developer / Implementing Agency - THDC		Main Plant Vendor: SG - L&T/MHI and TG - BHEL	
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual Trial Run Date
Unit#1	Aug-2019	Jul-2023	23-01-2025(A)
Unit#2		Jan-2024	Aug-2025

CLEARANCES AND STATIC DATA

FUEL TYPE	Coal, Indigenous	
COAL COMBUSTION TECHNOLOGY	Ultra-Supercritical	
APPROVAL DATE / NTP	07.03.2019.	
EPC/BTG/BoP Contractor Details (Package Wise)	Zero Date : 29.08.2019 (with respect to Award of Main Plant Package i.e. Steam Generator & Associated Packages)	
PPA	PPAs for entire off take-off power to be generated from Khurja STPP have been signed by THCDIL prior to 05.01.2011 with Uttar Pradesh, Uttrakhand, Rajasthan, Himachal Pradesh and Delhi. Out of 1320 MW, 60% power (792 MW) is to be supplied to UP & balance 40% power (528 MW) is to be supplied to other beneficiary states as per allocation to be done by Ministry of Power.	
COAL LINKAGE/FSA	For Coal linkage, Ministry of Coal, GoI vide allotment order dtd.17.01.2017 has allotted Amelia Coal Mine in District Singrauli, Madhya Pradesh to THDCIL to meet out fuel requirements of the project. Grade of Coal: G9 (Avg. GCV = 4746 Kcal/Kg). Net Geological Reserve in Amelia Coal Mine is 162.05 Million Tonnes (OC)out of this Extractable Coal Reserve is 139.48 Million Tonnes.	
START UP POWER AGREEMENT	Connectivity has been granted by CTU vide its letter NoC/CTU/N/05/1200002404 dated.18.03.2020 for evacuation of 528 MW power from Khurja (2x660 MW) STPP to ISTS beneficiaries. Signing of Connectivity agreement is under process. In line with the granted connectivity, power evacuation system is under implementation through Power Grid Corporation Of India Limited and is likely to completed by June-2022.Thereafter THDCIL will request RLDC for availing start up power as per CERC Regulations.	
POWER EVACUATION SYSTEM	Tx Line Developer	PGCIL and UPPTCL
	Tx Line Name Tx Voltage Level	i) Khurja STPP- Aligarh 400 KV, D/C line (PGCIL) ii) Aligarh-Shamli 400 KV line, D/C, LILOing at Khurja STPP (UPPTCL).
	Configuration of Tx Line (S/C or D/C)	D/C
LAND POSSESSION	Small Patches of land within the boundary of already acquired 1201 Acre land by UPSIDC and handed over to THDCIL.	
WATER ALLOCATION	Formal water commitment letter for providing 43 Cusec water for Makeup Water System from Upper Ganga Canal at just 11 Km from Project site issued by Water Resource Department, GoUP on 12.06.2014.	
MOEF CLEARANCE	Environmental Clearance has been accorded to Khurja STPP by MOEF&CC on 30.03.2017 with validity upto 29.03.2024.	
CIVIL AVIATION CLEARANCE	Clearance for construction of chimney for Khurja STPP has been obtained from Airport Authority of India (AAI) on 19.04.2018 with validity up to 17.07.2023.	
CPCB CLEARANCE	NOT APPLICABLE	
SPCB CLEARANCE	"Consent to Establish" has been granted by SPCB Uttar Pradesh on 13.06.2018 with validity upto 01.06.2023.	
FOREST CLEARANCE	NOT APPLICABLE	

FINANCIAL DATA (Fig. in Rs. Crore)

ORIGINAL ESTIMATED COST OF THE PROJECT	11089.42
LATEST ESTIMATED COST	13276
DATE OF FINANCIAL CLOSURE	
YEAR WISE EXPENDITURE	
2016-17	344.18
2017-18	10.83
2018-19	151.18
2019-20	446.78
2020-21	801.95
2021-22	2192.45
2022-23	2869.71
2023-24	3145.21
2024-25	2426.39
EXPENDITURE in June'2025	85.79
2025-26	215.97
TOTAL EXPENDITURE (upto 30.06.2025)	12604.62

Status as on 30-06-2025

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

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)

Sl.	MILESTONE	UNIT-01		UNIT-02	
		Original Date	Actual / Anticipated Date	Original Date	Actual / Anticipated Date
1	COMPLETION OF BOILER FOUNDATION	Sep-2020	20.01.2021	Mar-2021	15.11.2021
2	START OF BOILER ERECTION	Oct-2020	20.02.2021	Apr-2021	17.08.2021
3	BOILER DRUM LIFTING (if sub-critical unit)	NA		NA	
4	BOILER CEILING GIRDER LIFTING COMPLETION	May-2021	12.02.2022	Nov-2021	09.09.2022
5	CONDENSER ERECTION START	Sep-2021	25.03.2022	Jan-2022	19.01.2023
6	TG ERECTION START	Sep-2021	25.05.2022	Mar-2022	25.02.2023
7	HP PIPING ERECTION START	Jun-2021	20.10.2022	Dec-2021	28.02.2023
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION	May-2022	15.03.2023	Nov-2022	02.11.2023
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	NA	NA	NA	NA
10	TG BOX UP	Aug-2022	20.07.2023	Feb-2023	25.06.24
11	HP PIPING ERECTION COMPLETION	Oct-2022	15.01.24	Apr-2023	31-03-25
12	BOILER LIGHT UP	Oct-2022	Mar-24	Apr-2023	Apr-25
13	CHEMICAL CLEANING COMPLETION	Oct-2022	18.02.24	Apr-2023	14-03-25
14	OIL FLUSHING COMPLETION	Nov-2022	07.11.2023	May-2023	01-03-25
15	STEAM BLOWING START	Nov-2022	18.5.24	May-2023	15-04-25
16	STEAM BLOWING COMPLETION	Dec-2022	June-24	June-2023	30-05-25
17	ROLLING & SYNC.	Apr-2023	28-10-24	Oct-2023	Jul-25
18	FULL LOAD	Jun-2023	04-12-24	02.12.2023	Aug-25
19	TRIAL RUN	Jul-2023	23-01-2025	02.01.2024	Aug-25
20	COD	Aug-2023	26-01-2025	02.02.2024	Aug-25

STATUS OF MAIN PLANT PACKAGE (BTG) : SG:L&T MHI, TG: BHEL

Sl.	Packages	AREA	UNIT-01 %	UNIT-02 %
1	BOILER	CIVIL	100%	100%
		STRUCTURE	100%	96.86%
		PRESSURE PARTS	100%	100%
2	TG	CIVIL	100%	100%
		STRUCTURE	100%	100%
		PRESSURE PARTS	100%	100%
3	ESP	UNDER PROGRESS	100%	90.44%
4	FGD	CIVIL WORK	100 % RCC completed	100%
		MATERIAL SUPPLY	100%	100%
		ERECTION WORK	100%	92.04%

STATUS OF BOPs

Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency (EPC- BHEL)	Date of Award	Scheduled Date of Completion	Anticipated /Actual Date of Completion	UNIT-01 % Completion	UNIT-02 % Completion
1	Chimney	L&T MHI Power Boilers Pvt. Ltd	27.09.2020	14.04.2023	U#1-Mar'24 U#2-Mar'25	Unit-1: RCC- 100%; Unit-2: RCC-100%	
2	Coal Handling Plant	Thyssenkrupp Industries India Pvt. Ltd.	04.08.2021	04.12.2023	Jul'25	90%	
3	Ash Handling Plant	M/s L&T MHI Power Boilers Pvt. Ltd	11.06.2020	20.02.2023	Jul'25	100% of Piling and 99% of RCC	
4	Fuel Oil System	M/s L&T MHI Power Boilers Pvt. Ltd	30.09.2021	08.10.2022	15,Dec-23	100% LDO tanks; 100% FOPH	
5	Cooling Towers	M/s Paharpur Cooling Towers Ltd	16.04.2021/ 13.10.2021	14.06.2023/ 14.12.2023	17th May'25	U-1: 100%	U-2: 100% of civil work completed
6	CW Pump house	Flowmore Ltd.	15.03.2022	28.12.2023	Civil-Jun-24 Mech-10-05-25	100%	
7	WPT Plant	Gaja Engineering Pvt. Ltd.	30.11.2021	25.08.2023	17-01-24	Civil : 100% Mech: 99%	
8	DM Plant		30.11.2021	30.09.2023	15.09.24	Civil : 100% Mech: 100%	
9	DM Water Transfer Pump House						
10	Compressed Air System	M/s L&T MHI Power Boilers Pvt. Ltd	04-02-2022	08.10.22	31-01-24	Civil Work: 100% Erection:100%	
11	Fire Protection System	Gaja Engineering Pvt. Ltd		31.08.23	Jul'25	Civil – 100%; Mech-99%	
12	Switch Yard	GET&D	16.09.2020	25.03.2023/ 25.09.2023	U#1– Dec-24 U#2 – Jul-25	98.5%	
13	Ash Dyke Package	M/s JPW Infratech Pvt Ltd	11.03.2022	10.09.2024	Aug'25	94%	
14	Station Transformers	BHEL	09.08.2020	04.02.2022/ 30.07.2022	24.07.2023/ 24.02.25	ST-1:100% ST-2:100%	
15	Unit Transformers	BHEL	08.09.2020	15.07.2022	Oct-2024	Civil: 100% Mfg: 100%	
20	Railway Siding	M/s Jhajhariya Nirman Ltd; M/s ISC-CMIPL (JV)	13.11.2020	13.09.2022	Jul'25	99%	
21	Power Evacuation Lines	M/s Unitech Power Transmission M/s Hyosung India	02.03.2021	01.06.2022	24.12.2022(A)	100% Tx line work completed	

CRITICAL ISSUES

-Delay in completion of ESP (3/6 passes ready), (3/6) mills and FGD works.
-Inadequate Manpower.

REASONS OF DELAY

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

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

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

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

Project Developer / Implementing Agency -SJVN		Main Plant Vendor - M/s L&T (EPC contract)	
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual Trial Run Date
Unit#1	Jun-2019	May-2023	Sept-2025
Unit#2		Sep-2023	Dec-2025

CLEARANCES AND STATIC DATA

FUEL TYPE	Coal, Indigenous	
COAL COMBUSTION TECHNOLOGY	Supercritical	
APPROVAL DATE / NTP	Investment Approval accorded by Govt. of India vide MoP	
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.	
PPA	PPA signed with Govt. of Bihar on 05.01.2011 and further reconfirmed on 09.01.2018.	
COAL LINKAGE/FSA	Allocated Mine - CCL, Magadh-Amrapali; Distance from mine - 465 km (non-pithead). Letter of Assurance (LoA) for 4.976 MTPA of G9 to G14 grade coal issued by Central Coalfields Ltd. (CCL) on 10.12.2018. Coal may be supplied either from Amrapali coal block or Magadh coal block.	
START UP POWER AGREEMENT	Startup power will be arranged through South Bihar Power Distribution company Ltd. (SBPDCL).	
POWER EVACUATION SYSTEM	Tx Line Developer	BSPTCL, Govt. of Bihar
	Tx Line Name Tx Voltage Level	i) Buxar TPS- Naubatpur 400 KV, D/C ii) Buxar TPS- Dumraon (New) 220 KV, D/C iii) Buxar TPS- Karmnasa (New) 220 KV, D/C iv) Buxar TPS- Dehri 220 KV, D/C
	Configuration of Tx Line (S/C or D/C)	D/C
LAND POSSESSION	Total Land Required-1283 Acre;1058.335 Acre (for Main Plant), 147 acre (for Rail Corridor) and 78 acre (for Water Pipeline corridor & intake etc.) land under possession.	
WATER ALLOCATION	MoU for utilization of 55 cusec of water signed between STPL and Water Resource Deptt., Govt. of Bihar on 29.08.2016.	
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	

FINANCIAL DATA (Fig. in Rs. Crore)

ORIGINAL ESTIMATED COST OF THE PROJECT	10,439.09
LATEST ESTIMATED COST	14,390.09 (Under approval)
DATE OF FINANCIAL CLOSURE	26.11.2020
YEAR WISE EXPENDITURE	
2013-14	48
2014-15	15.61
2015-16	388.78
2016-17	24.64
2017-18	22.35
2018-19	70.14
2019-20	354.25
2020-21	1131.20
2021-22	2767.25
2022-23	2654.45
2023-24	1746.19
2024-25	2105.89
EXPENDITURE OF JUNE 2025	169.15
2025-26	516.38
TOTAL EXPENDITURE (upto 30.06.2025)	11,845.13

Status as on 30-06-2025

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

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)

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

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

Sl.	Packages	AREA	UNIT-1 % Completion	UNIT-2 % Completion
1	BOILER	CIVIL	100%	98.80%
		STRUCTURE	99.65%	95.70%
		PRESSURE PARTS	100%	96.30%
2	TG	CIVIL	100%	99.35%
		STRUCTURE	100%	99.96%
		TG ERECTION	99.75%	85.00%
3	ESP	UNDER PROGRESS	100%	91.45%
4	FGD	CIVIL WORK	90.58%	89.66%
		MATERIAL SUPPLY	99.25%	99.10%
		ERECTION WORK	61.27%	36.04%

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 % Completion	UNIT-02 % 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	JULY 25	95%	
		L&T (Wagon tipler)	22.JUN.19	21.NOV.22	JULY 25	94%	
		L&T/ Thyssenkrup (Stacker reclaimer)	22.JUN.19	23.OCT.22	JULY 25	96%	
3	Ash Handling Plant	L&T /Macawber Beekay Pvt ltd	22.JUN.19	19.JUL.23	JULY 25	92.50%	
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 JULY 25	100% 84%	
6	CW Pump house	L&T/ Xylem Water Solutions India Pvt Ltd	I-22.JUN.19 II-22.JUN.19	I-23.FEB.23 II-23.JUN.23	20 APR'25 JULY 25	100% 83%	
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 JULY25	100% 89.5%	
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	JULY 25	96.55%	
11	Switch Yard	L&T/ ABB Power Products & Systems India Ltd	22.JUN.19	21.NOV.22	18 MAR'25	100%	
12	Station Transformers	L&T/ ABB Power Products & Systems India Ltd	I-22.JUN.19 II-22.JUN.19	I-22.APR.22 II-22.AUG.22	05 FEB'24 JULY 25	100% 95.5%	
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 JULY25	100% 79.5%	
14	Railway Siding	Phase-I-RITES Ltd. Phase-II- RVNL	13.JUN.19	31.OCT.22	24 APR'25 JULY25	100% 10%	
15	Power Evacuation Lines	BSPTCL, Govt. of Bihar	23.NOV.21	31.DEC.22	05 MAR'24	100%	

CRITICAL ISSUES

- Completion of water intake pipeline works (10.94/10.98 KM completed, likely to be completed in July 25)
- Readiness of dedicated road for Coal transportation (likely to be completed in July 25)
- Delay in Commissioning of balance mills for U#1
- Land acquisition affecting railway siding works.

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	
FUEL TYPE	COAL (G-13)
COAL COMBUSTION TECHNOLOGY	Ultra-supercritical
APPROVAL DATE / NTP	1. 17.08.2022 : Go ahead clearance from MOP,GOI 2. 28.04.2023 : Investment approval from DVC Board
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
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 .
START UP POWER AGREEMENT	As per schedule Start- Up power is required in March,2027
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
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.
WATER ALLOCATION	Source -Tilaiya Dam , Quantity- 115200 KLD,
MOEF CLEARANCE	Obtained on 07.12.2024
CIVIL AVIATION CLEARANCE	Obtained from AAI on 26.07.2024
CPCB CLEARANCE	Not applicable
SPCB CLEARANCE	Action taken for Consent to Establish (CTE)
FOREST CLEARANCE	Not applicable as KTPS Ph-II is a brown field project & land is already acquired.

FINANCIAL DATA (Fig. in Rs. Crore)	
ORIGINAL ESTIMATED COST OF THE PROJECT	14357.74 Cr
LATEST ESTIMATED COST	14357.74 Cr
DATE OF FINANCIAL CLOSURE	06.09.2024
YEAR WISE EXPENDITURE	
2024-25	943.4
EXPENDITURE OF JUN'2025	5.5
2025-26	158.56
TOTAL EXPENDITURE (Upto 30.06.2025)	1,101.96

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 Comp-letion	Actual / Anticipated Date of Comp-letion	Ori-ginal Date of Comp-letion	Actual / Anti-cipated Date of Comp-letion
1	Completion Of Boiler Foundation	Oct-25	Oct-25	Feb-26	Feb-26
2	Start Of Boiler Erection	Nov-25	Nov-25	Mar-26	Mar-26
3	Boiler Ceiling Girder Lifting Completion	May-26	May-26	Sep-26	Sep-26
4	Condenser Erection Start	Nov-26	Nov-26	Jan-27	Jan-27
5	TG Erection Start	Jan-27	Jan-27	Apr-27	Apr-27
6	HP Piping Erection Start	Jan-27	Jan-27	Apr-27	Apr-27
7	Boiler Hydro Test (Drainable) Completion	Sep-27	Sep-27	Jan-28	Jan-28
8	Boiler Hydro Test (Non-Drainable) Completion	Feb-28	Feb28	Jun-28	Jun-28
9	TG BOX UP	Nov-27	Nov-27	Mar-28	Mar-28
10	HP Piping Erection Completion	Jan-28	Jan-28	Apr-28	Apr-28
11	Start of Oil Flushing	Nov-27	Nov-27	Mar-28	Mar-28
12	Boiler Light Up	Mar-28	Mar-28	Jul-28	Jul-28
13	Chemical Cleaning Completion	Apr-28	Apr-28	Aug-28	Aug-28
14	Steam Blowing Start	Apr-28	Apr-28	Aug-28	Aug-28
15	Steam Blowing Completion	May-28	May-28	Sep-28	Sep-28
16	Rolling & Sync.	Jul-28	Jul-28	Nov-28	Nov-28
17	Full Load	Aug-28	Aug-28	Dec-28	Dec-28
18	Trial Run	**Aug-28**	**Aug-28**	**Dec-28**	**Dec-28**
19	COD	**Sep-28**	**Sep-28**	**Jan'29**	**Jan'29**

STATUS OF MAIN PLANT PACKAGE

SI	PACKAGE	AREA	UNIT-1	UNIT-2
1	BOILER	CIVIL	3%	1%
		STRUCTURE	0%	0%
		PRESSURE PARTS	0%	0%
2	TG	CIVIL	2%	0%
		STRUCTURE	0%	0%
		TG ERECTION	0%	0%
3	ESP	UNDER PROGRESS	4%	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/ Contracting Agency	Date of Award	Scheduled Date of Comp.	Ant/ Actual Date of Comp.	UNIT-1	UNIT-2
1	Chimney	BHEL is in process of tendering the packages				2%	2%
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					1%	1%
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

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

Raghunathpur, Distt.- Purulia, West Bengal

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

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

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

FINANCIAL DATA (Fig. in Rs. Crore)	
ORIGINAL ESTIMATED COST OF THE PROJECT	17673
LATEST ESTIMATED COST	17673
DATE OF FINANCIAL CLOSURE	25.08.2023
YEAR WISE EXPENDITURE	
2011-12	201.37
2012-13 to 2022-23	0
2023-24	411.95
2024-25	427.36
Expenditure in JUN-25	11.06
2025-26	136.06
TOTAL EXPENDITURE (up to 30.06.25)	1,176.74

Raghunathpur TPS, Ph-II, Unit#1 & 2 (2X660 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	Feb-26	Feb-26	Jun-26	Jun-26
2	Start Of Boiler Erection	Feb-26	Feb-26	Jun-26	Jun-26
3	Boiler Ceiling Girder Lifting Completion	Nov-26	Nov-26	Mar-27	Mar-27
4	Condenser Erection Start	Apr-27	Apr-27	Aug-27	Aug-27
5	TG Erection Start	Jun-27	Jun-27	Oct-27	Oct-27
6	HP Piping Erection Start	Oct-26	Oct-26	Feb-27	Feb-27
7	Boiler Hydro Test (Drainable) Completion	Dec-27	Dec-27	Apr-28	Apr-28
8	Boiler Hydro Test (Non-Drainable) Completion	Sep-28	Sep-28	Jan-29	Jan-29
9	TG BOX UP	Apr-28	Apr-28	Aug-28	Aug-28
10	HP Piping Erection Completion	Feb-28	Feb-28	Jun-28	Jun-28
11	Start Of Oil Flushing	Apr-28	Apr-28	Aug-28	Aug-28
12	Boiler Light Up	Oct-28	Oct-28	Feb-29	Feb-29
13	Chemical Cleaning Completion	Jun-28	Jun-28	Oct-28	Oct-28
14	Steam Blowing Start	Jul-28	Jul-28	Nov-28	Nov-28
15	Steam Blowing Completion	Aug-28	Aug-28	Dec-28	Dec-28
16	Rolling & Sync.	Oct-28	Oct-28	Feb-29	Feb-29
17	Full Load	Nov-28	Nov-28	Mar-29	Mar-29
18	Trial Run	**Dec-28**	**Dec-28**	**Apr-29**	**Apr-29**
19	COD	Jan-29	Jan-29	May-29	May-29

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

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

STATUS OF BOPs

Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency (DPSI)	Date of Award	Scheduled Date of Comp.	Ant/ Actual Date of Comp.	UNIT-1	UNIT-2
1	Chimney	BHEL	Feb-25	Feb-29	May-29	1%	1%
2	Coal Handling Plant	Thyssenkrupp	Feb-25	Feb-29	May-29	1%	1%
						0%	0%
						0%	0%
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	0%	0%
8	DM Plant		May-25	Jan-29	Jan-29	0%	0%
9	Compressed Air System	BHEL	Feb-25	Feb-29	Jun-29	1%	
10	Fire Protection System	Gaja Engineering	May-25	Jan-29	Jan-29	0%	0%
11	Switch Yard	Thyssenkrupp	May-25	Jan-29	Jan-29	0%	0%
12	Station Transformers	Thyssenkrupp	May-25	Jan-29	Jan-29	0%	0%
13	Unit Transformers	Thyssenkrupp	May-25	Jan-29	Jan-29	0%	0%
14	Railway Siding	To be awarded				0%	0%
15	Power Evacuation Lines	To be awarded				0%	0%

CRITICAL AREAS

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REASONS OF DELAY

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

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

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

Project Developer / Implementing Agency - TNPGCL		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

FUEL TYPE	Coal, Indigenous & Imported	
COAL COMBUSTION TECHNOLOGY	Supercritical	
APPROVAL DATE / NTP	27.09.2014	
EPC/BTG/BoP Contractor Details (Package Wise)	M/s BHEL (EPC), LoA: 27.09.2014	
PPA	State sector project. Hence entire 100% power from this project will be utilized by TAMILNADU	
COAL LINKAGE/FSA	Allocated Mine - Chandrabila Coal Block, Odisha; Distance from mine - 1300 km (non pithead); Total requirement is 5.95MTPA, comprising of indigenous 3.68 MTPA & imported 2.26 MTPA respectively MoU has already been signed between MMTC & TANGEDCO on 25.06.2012 for the supply of Import coal for this project. Bridge Linkage with SCCL available for indigenous coal.	
START UP POWER AGREEMENT	By TANGEDCO	
POWER EVACUATION SYSTEM	Tx Line Developer	TANGEDCO
	Tx Line Name Tx Voltage Level	Ennore SEZ SCTPP - North Chennai (765kV PS), 400 KV, D/C line
	Configuration of Tx. Line (S/C or D/C)	
LAND POSSESSION	Acquisition of Land does not arise since own land of TNPGCL (Out of 1100 acres available at Ash Dyke of NCTPS , only 500 Acresof ash dyke is utilized for the development of the subject project)	
WATER ALLOCATION	Supply of 4 MGD water from CMWSSB obtained. However desalination plant is envisaged in the project.	
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	
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	

FINANCIAL DATA (Fig. in Rs. Crore)

ORIGINAL ESTIMATED COST OF THE PROJECT	9800.00
LATEST ESTIMATED COST	19585.45
DATE OF FINANCIAL CLOSURE	
YEAR WISE EXPENDITURE	
2016-17	558.04
2017-18	1261.67
2018-19	2606.93
2019-20	908.61
2020-21	750.13
2021-22	260.14
2022-23	410.67
2023-24	2850.62
2024-25	1652.83
EXPENDITURE OF June'2025	92.23
2025-26	329.95
TOTAL EXPENDITURE (upto 30.06.2025)	11589.59

(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.)

Status as on 30-06-2025

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

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)

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

STATUS OF MAIN PLANT PACKAGE (BTG) : M/S BHEL

Sl.	Packages	AREA	UNIT-1	UNIT-2
			% Completion	% Completion
1	BOILER	CIVIL	100.00%	90.00%
		STRUCTURE	99.42%	94.77%
		PRESSURE PARTS	99.42%	94.77%
2	TG	CIVIL	100%	98.61%
		STRUCTURE	100%	98.61%
		TG ERECTION	Erection started - 31.01.24	Erection started - 31.01.24
3	ESP	UNDER PROGRESS	79.51%	73.52%
4	FGD	CIVIL WORK	Specification under finalization.	
		MATERIAL SUPPLY		
		ERECTION WORK		

STATUS OF BOPs (BHEL-EPC)

Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency (EPC-BHEL)	Date of Award	Scheduled Date of Completion	Anticipated/ Actual Date of Completion	UNIT-1 % Completion	UNIT-2 % Completion
1	Chimney	M/s Simplex	30.01.17	28.03.17	Nov'25	100%	60%
2	Coal Handling Plant	Contractor for erection M/s Promac	09.02.17	27.10.17	Mar'26	100 % (Civil), 54.39% (Mech)	
		M/s.Bevcon (Conveyor package supply), M/s.FLSIDTH- Pipe	18.03.17	27.10.17	Mar'26	Civil;- 73.09%, Mech.- 24.38%	
		M/s.Promac : Stacker Reclaimer supply, M/s.Elecon : Vibrating	09.02.17	27.10.17	Mar'26	100 %	
3	Ash Handling Plant	M/s.Indure (for supply and erection for mechanical packages) , M/s.Turbo Engineers for Sluury disposal pipes supply M/s.Weir for Slurry pumps supply, M/s.Atlas Copco& M/s.Ingersoll for Compressor supply M/s.Suraj	14.09.17	27.10.17	Dec'25	66.72% (civil)	
4	Fuel Oil System	M/s.New Fire Engineers Pvt ltd.	13.06.17	30.03.17	Oct'25	Civil- 67.69%, Mech.- 90%	
5	Cooling Towers	M/s.Simplex (Design – Paharpur)	30.01.17	29.04.17	Sep'25 (U-1) Oct'25 (U-2)	92.16%	82.38%
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	Oct'25	44.32% (Civil works) 78.35% (Piping works)	
7	WPT Plant	M/s.Otoklin Global business services for supply and erection	18.01.18	30.03.17	Dec'25	Civil work 74.67%	
8	DM Plant	M/s Cornerstone (De-scoped from M/s.Simplex)	27.09.14	30.03.17	Dec'25	72.45% (civil)	
9	Compressed Air System	M/s.ELGI Equipments Ltd.	27.11.17	30.03.17	Dec'25	99.13%	
10	Fire Protection System	BHEL- PE&SD	July,18	30.03.17	Sep'25	48.26%(Civil works)	
11	Switch Yard	BHEL-TBG (Awarded to Sakthi Kanna Construction Ltd & M/s.Vijay Gowtham- De-scoped from M/s.Simplex)	27.09.14	30.03.17	Sep'25	98.20% (civil)	
12	Station Transformers	M/s Cornerstone	19.11.19	30.03.17	Sep,25	89.09% (civil)	
13	Unit Transformers	M/s Cornerstone	19.11.19	30.08.17	Sep,25		
14	Railway Siding	NA	NA	NA	NA	NA	NA
15	Power Evacuation Lines	TANGEDCO Ennore SEZ SCTPP-North Chennai(765 KV PS), 400 KV, D/C line			Mar-26	Power will be evacuated through DC 400 KV LL, 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

-Re-routing of pipe conveyor as MoEF approved route works is de-scoped from the EPC contractor M/s. BHEL. Tender is called for the above works.
-Slow progress in NDCT-II, APH, CCR, CHP and AHP.
-Inadequate manpower.

REASONS OF DELAY.

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

Status as on 30-06-2025

NORTH CHENNAI STPP, St - III, Unit# 6 (1X800 MW) / TNPGCL (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 - TNPGCL		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	July-2025

CLEARANCES AND STATIC DATA

FUEL TYPE	Coal, Indigenous & Imported(MMTC)	
COAL COMBUSTION TECHNOLOGY	Super critical	
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	
EPC/BTG/BoP Contractor Details (Package Wise)	BTG contractor-BHEL(LoA: 29.01.2016), BOP contractor-M/s BGR(LoA: 28.10.2016)	
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.	
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.	
POWER EVACUATION SYSTEM	Tx Line Developer	TANTRANSCO
	Tx Line Name Tx Voltage Level	NCTPS St-III -North Chennai (PS), 765 KV, D/C line
	Configuration of Tx Line (S/C or D/C)	
LAND POSSESSION	The proposed site is within the existing NCTPS complex and land is already under possession of TANGEDCO.	
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.	
MOEF CLEARANCE	Environmental clearance issued by MoEF on 20.01.2016 valid for a period of seven years.	
CIVIL AVIATION CLEARANCE	Chimney constructed for full height and the same was informed to Airports Authority of India.	
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.	

FINANCIAL DATA (Fig. in Rs. Crore)

ORIGINAL ESTIMATED COST OF THE PROJECT	6376.00
LATEST ESTIMATED COST	11158.00
DATE OF FINANCIAL CLOSURE	28.1.2017

YEAR WISE EXPENDITURE	
2012-13	0.21
2013-14	0.40
2014-15	0.13
2015-16	0.25
2016-17	198.08
2017-18	929.75
2018-19	2243.53
2019-20	2090.63
2020-21	928.95
2021-22	760.29
2022-23	694.14
2023-24	944.74
2024-25	840.99
EXPENDITURE OF June'2025	151.01
2025-26	457.93
TOTAL EXPENDITURE (upto 30.06.2025)	10090.02

(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.)

Status as on 30-06-2025

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

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)

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

STATUS OF MAIN PLANT PACKAGE (BTG-BHEL)

Sl.	Packages	AREA	UNIT-6 % Completion
1	BOILER	CIVIL	100%
		STRUCTURE	100%
		PRESSURE PARTS	100%
2	TG	CIVIL	100%
		STRUCTURE	100%
		TG ERECTION	100%
3	ESP	UNDER PROGRESS	100%
4	FGD	CIVIL WORK	M/s BHEL – FGD Civil Piping and Pipe cap works are in progress.
		MATERIAL SUPPLY	
		ERECTION WORK	

STATUS OF BOPs - BGRESL/Chennai

Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency	Date of Award	Scheduled Date of Completion	Anticipated /Actual Date of Completion	UNIT-01 % Completion
1	Chimney	M/s. BGR ESL	10.03.17	25.06.19	15.01.2024	100%
2	Coal Handling Plant		21.07.17	25.07.19	30.06.2026 Through contingency arrangements coal fed from NCTPS I Coal handling facility.	92.83%
3	Ash Handling Plant		25.11.17	28.07.19	30.11.2026	90%
4	Fuel Oil System		27.07.17	28.06.19	15.03.2024	100%
5	Cooling Towers		16.05.17	21.09.19	30.09.2025	93%
6	CW Pump house		09.01.18	28.05.19	31.07.2025	97%
7	WPT Plant		16.06.17	17.05.19	31.07.2025	95%
8	DM Plant		06.10.17	28.05.19	31.07.2025	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	30.07.2025	90.5%
11	Switch Yard		19.08.17	26.10.19	05.04.2024	100%
12	Station Transformers	BHEL	24.07.18	28.04.19	05.09.2020	100%
13	Unit Transformers	BHEL	06.03.18	27.02.19	31.01.2023	100%
14	Railway Siding	NA	NA	NA	NA	NA
15	Power Evacuation Lines	TANTRANSCO, NCTPS St-III -North Chennai (PS), 765 KV, D/C line	12.01.18	11.11.19	Nov-2023	100%

CRITICAL ISSUES

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

REASONS OF DELAY

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

Status as on 30-06-2025

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

Distt.- Thoothukudi, Tamil Nadu

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

Project Developer / Implementing Agency – TNPGCL		Main Plant Vendor – M/s BHEL (EPC contract)	
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual Trial Run Date
Unit#1	Dec-2017	Jan-2021	Sep-2025
Unit#2		Mar-2021	Dec–2025

CLEARANCES AND STATIC DATA

FUEL TYPE	Coal, Indigenous & Imported (Indonesia)	
COAL COMBUSTION TECHNOLOGY	Supercritical	
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.	
EPC/BTG/BoP Contractor Details (Package Wise)	Awarded to BHEL as EPC contractor on 07.12.2017	
PPA	NOT APPLICABLE. State sector project.	
COAL LINKAGE/FSA	Allocated Mine – Chandrabila Coal Block for indigenous coal of G13 Grade for 3.647 MTPA and MDO selection is under process. Distance from mine (appx) : Railway distance for movement of coal through Rail-cum-Sea route via Paradip port is 200 km.(Chandrabila to Paradip port), from Paradip port to Udangudi captive Port, sea distance is 1224 Nautical Miles. Total requirement is 5.893 MTPA with Indigenous coal of 3.647 MTPA and import coal of 2.246 MTPA. Import coal (2.246 MTPA) will be procured to the requirements. Bridge Linkage with SCCL available for indigenous coal	
START UP POWER AGREEMENT	230/11 KV Karaigudi Feeder	
POWER EVACUATION SYSTEM	Tx Line Developer	L&T
	Tx Line Name Tx Voltage Level	Udangudi STPP – Ottapidaram, 400 KV, D/C line (BHEL/L&T)
	Configuration of Tx Line (S/C or D/C)	
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.	
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	

FINANCIAL DATA (Fig. in Rs. Crore)

ORIGINAL ESTIMATED COST OF THE PROJECT	13076.71
LATEST ESTIMATED COST	15076.71
DATE OF FINANCIAL CLOSURE	Financial tie up with M/s. PFC
YEAR WISE EXPENDITURE	
2017-18	127.02
2018-19	359.31
2019-20	699.30
2020-21	1899.52
2021-22	1827.38
2022-23	3009.66
2023-24	2028.91
2024-25	2544.684
EXPENDITURE OF June'2025	263.336
2025-26	341.62
TOTAL EXPENDITURE (upto 30.06.2025)	12837.406

Status as on 30-06-2025

UDANGUDI STPP, St-I, Unit# 1 & 2 (2x660 MW) / TNPGCL (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	Aug'25
11	HP PIPING ERECTION COMPLETION	Aug-20	31.08.24	Oct-20	Jul'25
12	START OF OILFLUSHING	Jul-20	20.08.24	Sep-20	Aug'25
13	BOILER LIGHT UP	Jul-20	20.10.24	Sep-20	Aug'25
14	CHEMICAL CLEANING COMPLETION	Jul-20	21.01.25	Sep-20	Jul'25
15	STEAM BLOWING START	Aug-20	30.04.25	Nov-20	Jul'25
16	STEAM BLOWING COMPLETION	Sep-20	04-06-25	Nov-20	Sep'25
17	ROLLING & SYNC.	Nov-20	Jul'25	Jan-21	Oct'25
18	FULL LOAD	Dec-20	Aug'25	Feb-21	Nov'25
19	TRIAL RUN	Jan-21	**Sep-25**	Mar-21	**Dec-25**
20	COD	Frb-21	Sep-25	Apr-21	Dec-25

STATUS OF MAIN PLANT PACKAGE (BTG) : M/s BHEL

Sl.	Packages	AREA	UNIT-1 % Completion	UNIT-2 % Completion
1	BOILER	CIVIL	96.65%	98.10%
		STRUCTURE	96.91%	97.09%
		PRESSURE PARTS	99.87%	99.67%
2	TG	CIVIL	99.80%	99.38%
		STRUCTURE	93.95%	99.58%
		TG ERECTION	96.39%	59.50%
3	ESP	UNDER PROGRESS	97.18%	97.33%
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	Jul-25	98.54%	
		M/s. BHEL/ M/s.RPP /URC Structural Erection	15.07.19	25.06.20	Aug-25	95.70%	
		M/s. BHEL/IGG	09.05.19	-	Sep-25	76.95%	
3	Ash Handling Plant	M/s.BHEL/ RPP/Srinic- Civil M/s.BHEL/ M/s.RPP/URC-Structural Erection M/s. BHEL Mechanical Equipment	11.05.20 15.07.19 15.03.19	25.06.20 25.06.20 30.11.20	Jul-25 Aug-25 Aug-25 Aug-25	96.96% 92.25% 83.47% 36.80%	
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	Jul-25 Aug-25	97.89%	84.55%
6	CW Pump house	M/s.BHEL/ M/s.B&B; M/s.BHEL/ M/s.Akash Techno	04.06.19	17.01.20	Jul-25 Jul-25	99.91% 89.80%	
7	WPT Plant	M/s.BHEL/ M/s.B&B	04.06.19	07.02.20	Jul-25	98.69%	
8	DM Plant	M/s.BHEL/ M/s.RPP	25.07.19	12.10.19	Jul-25	99.54%	
9	Compressed Air System	M/s.BHEL / M/s.Power Mech	07.01.22	01.11.20	Jul-25	97.45%	
10	Fire Protection System	M/s. BHEL	-	22.10.20	Aug-25	45.95%	
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	Jul-25	91.33%	
13	Generator Transformers						
14	Unit Transformers						
15	Railway Siding	NA	NA	NA	NA	NA	
16	Power Evacuation Lines	Udangudi STPP – Ottapidaram, 400 KV, D/C line (BHEL/L&T)	27.01.20	11.10.20	29.02.24	100%	

CRITICAL ISSUES

- Delay in readiness of CW pumps, NDCTs, flue gas ducting.
- Delay in readiness of AHP, CHP(Crusher house, S/R)
- FGD work is yet to be awarded.(by TNPGCL)
- 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	Jul-2025
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

FUEL TYPE	Coal, Indigenous	
COAL COMBUSTION TECHNOLOGY	Supercritical	
APPROVAL DATE / NTP	04.10.2014 (MoU entered with BHEL)	
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.	
PPA	Power purchase Agreement entered on 11.03.2020 with TGDISCOMS	
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).	
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.	
POWER EVACUATION SYSTEM	Tx Line Developer	TSTRANSCO
	Tx Line Name Tx Voltage Level	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.
	Configuration of Tx Line (S/C or D/C)	
LAND POSSESSION	(Details about land area still to be acquired). Ac.5459.39 Gts	
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	
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)	
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.	
CPCB CLEARANCE	Not Applicable	
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.	

FINANCIAL DATA (Fig. in Rs. Crore)

ORIGINAL ESTIMATED COST OF THE PROJECT	29965.00
LATEST ESTIMATED COST	36131.99
DATE OF FINANCIAL CLOSURE	*

YEAR WISE EXPENDITURE	
2014-15	
2015-16	498.18
2016-17	59.14
2017-18	939.02
2018-19	2741.25
2019-20	3867.68
2020-21	3336.56
2021-22	4134.23
2022-23	5265.85
2023-24	5351.93
2024-25	3790.52
EXPENDITURE OF Jun'2025	504.48
2025-26	1258.10
TOTAL EXPENDITURE (upto 30.06.2025)	31242.46

* M/s REC Ltd vide Lr dt 11-08-2015. M/s PFC Ltd vide Lrdt 19-07-2015

Status as on 30-06-2025

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	94.69%	98.08%	89.88%	96.21%	92.23%
		PRESSURE PARTS	100.00%	100.00%	100.00%	100%	100%
2	TG	CIVIL	99.00%	99.00%	98.00%	98.00%	97.00%
		STRUCTURE	99.19%	98.97%	99.25%	94.01%	92.54%
		TG ERECTION	98.00%	99.65%	84.65%	91.10%	72.50%
3	ESP	UNDER PROGRESS	99.99%	99.51%	99.72%	99.96%	94.27%
4	FGD	CIVIL WORK	78.00%	78.00%	78.00%	78.00%	78.00%
		MATERIAL SUPPLY	80.00%	80.00%	80.00%	80.00%	80.00%
		ERECTION WORK	12%	12%	12%	12%	12%

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	24.10.22	15.10.21	09.10.22
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	10.07.23	15.03.23	15.08.23
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	Aug-25
11	HP PIPING ERECTION COMPLETION	13.10.22	31.03.24	13.11.22	28.02.24	13.12.22	Aug-25	13.01.23	Jul-25	13.02.23	Jul-25
12	START OF OIL FLUSHING	30.04.22	09.06.23	31.05.22	23.03.23	31.07.22	Aug-25	30.09.22	06.01.25	30.10.22	Sep-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	Jul-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	Jul-25
15	STEAM BLOWING START	14.09.22	20.07.24	14.10.22	12.06.24	14.11.22	Jul-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	Aug-25	14.01.23	Jul-25	14.02.23	Nov-25
17	ROLLING & SYNC.	30.10.22	03.11-24	31.12.22	12.09.24	31.01.23	Sep-25	31.03.23	Aug-25	31.05.23	Dec-25
18	FULL LOAD	15.02.23	12.03.25	15.03.23	12.01.25	15.04.23	Oct-25	15.05.23	Sep-25	15.06.23	Jan-26
19	TRIAL RUN	Feb'23	**Jul-25**	Mar'23	**25-01-25**	Apr'23	**Dec-25**	May'23	**Oct-25**	Jun'23	**Mar-26**
20	COD	Feb'23	**Jul-25**	Mar'23	**08-03-25**	Apr'23	**Dec-25**	May'23	**Oct-25**	Jun'23	**Mar-26**

Status as on 30-06-2025

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 % Completion	UNIT-2 % Completion	UNIT-3 % Completion	UNIT-4 % Completion	UNIT-5 % Completion
1	Chimney	Bygging India Ltd for Unit #1&2;Paharpur for Unit #3&4; ByggingIndia Ltdfor Unit #5	03.02.20 24.02.20 12.02.20	31.07.22	30.12.23	Shell Concreting-100% Flue can Erection 100%		Shell Concreting-100% Flue can Erection 100%		SC-100% FCE-100%
2	Coal Handling Plant	Powermech (Conveyor package)	09.08.20	31.12.22	Jul-25	Civil & Mech - 94.53%				
		Powermech (Wagon tripler)	10.12.20	30.06.23	Jul-25	Civil & Mech- 89.92%				
		Powermech (Stacker Reclaimer)	08.10.20	30.06.23	30.08.23	Civil & Mech -100%				
3	Ash Handling Plant	BHEL/ Powermech	08.06.21	31.12.22	Jul-25	Civil & Mech- 82.75%				
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 Jul-25 Jul-25 Oct-25	100%	100%	97.94%	96.01%	92.92%
6	CW Pump house	CW pump house & channel - BHEL/HES			Jul-25	99.58%	99.58%	97.83%	97.83%	97.83
7	WPT Plant	BHEL/SCC	03.02.21	31.01.22	Jul-25	Civil & Mech- 94%				
8	DM Plant	BHEL/SCC	01.10.20	31.01.22	30-09-24	Civil & Mech-100%				
9	Compressed Air System	BHEL/HES	12.02.21	31.05.22	30.08.24	Civil & Mech- 100%				
10	Fire Protection System	BHEL	-	31.07.22	Oct-25	55.00%				
11	Switch Yard	BHEL/Bluechip	13.02.21	31.07.22	Aug-25	Civil & Mech – 96%				
12	Generator Transformers	BHEL/EIPL for Unit-1 BHEL/KEPL for Unit-2 BHEL/EIPL for Unit-3 BHEL/KEPL for Unit-4 BHEL/KEPL for Unit-5	14.12.19 17.10.20 26.10.19 22.10.19 18.12.19	30.10.22 31.12.22 31.01.23 31.03.23 31.05.23	30.09.24 30.09.24 Jul-25 Jul-25 Jul-25	100%	100%	98.5%	97%	92%
13	Station Transformers									
14	Unit Transformers									
15	Railway Siding	Work in progress	06.06.2022	06.12.23	Jul-25	92%				
16	Power Evacuation Lines	TS TRANSCO/MEIL	06.08.20	24.02.22	Jul-25	87%				

CRITICAL ISSUES

- BHEL to improve manpower in areas of Boiler-3, TG-3, NDCT-3,4 & 5 and in CHP/ AHP.

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), Mancherial (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	
FUEL TYPE	Coal
COAL COMBUSTION TECHNOLOGY	Ultra-supercritical
APPROVAL DATE / NTP	28/02/2025
PPA	PPA under process with TG DISCOMs (In advance stage)
COAL LINKAGE/FSA	Naini block (Captive Mines) from ODISHA
START UP POWER AGREEMENT	Startup power has been envisaged from existing switchyard 400 kV Bus.
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)
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

FINANCIAL DATA (Fig. in Rs. Crore)	
ORIGINAL ESTIMATED COST OF THE PROJECT	9595.99
LATEST ESTIMATED COST	9595.99
DATE OF FINANCIAL CLOSURE	Not Applicable
YEAR WISE EXPENDITURE	
EXPENDITURE of JUNE-25	0
EXPENDITURE of 2025-26	332
TOTAL EXPENDITURE (up to 30.06.25)	332

Status as on 30-06-2025

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

UNIT WISE MILESTONES (ANTICIPATED/ ACTUAL)

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

STATUS OF MAIN PLANT PACKAGE (BTG)-BHEL

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

STATUS OF BOPs

Sl.	Packages/ Linked Project Milestones	Vendor/ Contracting Agency	Date of Award	Scheduled Date of Comp.	Ant/ Actual Date of Comp.	UNIT-3
1	Chimney	BHEL	28.02.2025	07.09.2028	Sep-28	0
2	Coal Handling Plant	BHEL	28.02.2025	05.10.2028	Oct-28	0
3	Ash Handling Plant	BHEL	28.02.2025	12.09.2028	Sep-28	0
4	Fuel Oil System	BHEL	28.02.2025	20.03.2028	Mar-28	0
5	Cooling Towers	BHEL	28.02.2025	06.03.2028	Mar-28	0
6	CW Pump house	BHEL	28.02.2025	17.03.2028	Mar-28	0
7	WPT Plant	BHEL	28.02.2025	31.07.2027	July-27	0
8	DM Plant	BHEL	28.02.2025	24.10.2027	Oct-27	0
9	Compressed Air System	BHEL	28.02.2025	07.02.2028	Feb-28	0
10	Fire Protection System	BHEL	28.02.2025	26.10.2028	Oct-28	0
11	Switch Yard	BHEL	28.02.2025	06.06.2028	Jun-28	0
12	Station Transformers	BHEL	28.02.2025	25.12.2027	Dec-27	0
13	Unit Transformers	BHEL	28.02.2025	02.09.2028	Sep-28	0
14	Railway Siding	Under SCCL Scope –For Siding within plant area, Tender to be floated				0
15	Power Evacuation Lines	Existing 400kV DC Quad Moose Ramadugu & 400kV DC Quad Moose Sundilla lines (No new lines required for Stage II)				100%

CRITICAL ISSUES

Nil

REASONS OF DELAY

Nil

SAGARDIGHI TPP, St-III, Unit# 5 (1X660 MW) / WBPDCL (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 - WBPDCL		Main Plant Vendor - M/s BHEL (EPC Contract)	
Unit No.	LOA	Original Trial Run Date	Anticipated / Actual Trial Run Date
Unit#5	27-12-2018	Jan-2024	Sep-2025

CLEARANCES AND STATIC DATA

FUEL TYPE	Coal, Indigenous	
COAL COMBUSTION TECHNOLOGY	Super Critical	
APPROVAL DATE / NTP	Notice to Proceed Date : 01.07.2020; The proposal was approved in the State Cabinet held on 23.03.2018.	
EPC/BTG/BoP Contractor Details (Package Wise)	EPC contract awarded to BHEL (LOA : 27.12.2018)	
PPA	Power Purchase Agreement executed with WBSEDCL	
COAL LINKAGE/FSA	Allocated Mine - Pachhwara (North) Captive Coal Mine of WBPDCL. Distance from mine - 150 km (non-pithead); Coal will be sourced mainly from captive coal mines of WBPDCL	
START UP POWER AGREEMENT	Startup power shall be obtained from the other running units of the Sagardighi Thermal Power Project	
POWER EVACUATION SYSTEM	Tx Line Developer	PGCIL
	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
	Configuration of Tx Line (S/C or D/C)	
LAND POSSESSION	Adequate land is available for the project. (WBPDCL have 365 Ha of land under possession for Phases I, II & III of the plant and another 184 Ha for ash disposal.)	
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	
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	
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	

FINANCIAL DATA (Fig. in Rs. Crore)

ORIGINAL ESTIMATED COST OF THE PROJECT	3862.65*
LATEST ESTIMATED COST	4567.32
DATE OF FINANCIAL CLOSURE	02.01.2017
YEAR WISE EXPENDITURE	
2018-19	64.04
2019-20	51.45
2020-21	331.59
2021-22	302.77
2022-23	605.91
2023-24	697.95
2024-25	549.66
EXPENDITURE OF June'2025	27.01
2025-26	80.44
TOTAL EXPENDITURE (up to 30.06.2025)	2,683.82

* Approved in the State Cabinet held on23.03.2018.

Status as on 30-06-2025

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

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)

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

STATUS OF MAIN PLANT PACKAGE (BTG) : M/s BHEL

Sl.	Packages	AREA	UNIT-5
			% Completion
1	BOILER	CIVIL	100%
		STRUCTURE	74.74%
		PRESSURE PARTS	99.21%
2	TG	CIVIL	100%
		STRUCTURE	100%
3	ESP	CIVIL WORKS	100%
		STRUCTURAL WORKS	93.58%
4	FGD	NOT STARTED YET	

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	Jul-25	99.5%
2	Coal Handling Plant	Conveyor package: Bengal Tools Limited	27.12.2018	15.12.2023	Jul-25	91%.
		Twin Wagon Tippler : ThyssenKrupp		13.12.2023	Jul-25	
		Existing Stacker Reclaimer of Stage-II will be used	NA	NA	NA	NA
3	Ash Handling Plant	M/s. MacawberBeekey Pvt. Ltd.	27.12.2018 (ZERO DATE AS PER CONTRACT 01.07.2020)	28.03.2024	Jul-25	89%
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	Jul-25	94.12%
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	Jul-25	99.5%
12	Fire Protection System	M/s. BHEL		24.03.2024	Jul-25	70%
15	Switch Yard	M/s. BHEL		22.03.2024	Jul-25	87%
16	Station Transformers	M/s. BHEL		30.03.2023	Jul-25	92.5%
18	Unit Transformers	M/s. BHEL		27.08.2023	Jul-25	
19	Railway Siding	Railway siding exists. M/s. Rites will do the modification job for connecting Twin Wagon Tippler for Stage 3.				
20	Power Evacuation Lines	Power Evacuation from the proposed unit shall be done through the existing electrical network consisting of following feeders i) STPP – New Sagardighi, 220 KV, D/c line, ii) STPP- Farakka, 400 KV D/c line, iii) STPP-Purulia 400 KV D/c line, iv) STPP-Jeerat 400KV D/c line, v) STPP- Baharampore 400 KV, D/C line, vi) STPP- Gokarna 400 KV D/C line.				

CRITICAL ISSUES

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

REASONS OF DELAY

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

DCR TPP Extn., Unit# 3 (1X800 MW) / 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-2029

CLEARANCES AND STATIC DATA	
FUEL TYPE	Coal, Non-Pithead
COAL COMBUSTION TECHNOLOGY	Ultra-Supercritical
APPROVAL DATE / NTP	NTP to be issued to BHEL on January, 2025.
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.
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.
START UP POWER AGREEMENT	Startup power will be drawn from existing 220 kV switchyard of DCRTPP, 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.
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.
LAND POSSESSION	Unit shall be installed within in the existing boundary of DCRTPP, no additional land is required.
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 DCRTPP, Yamunanagar.
MOEF CLEARANCE	EC granted by MoEFCC on 20-01-2025
CIVIL AVIATION CLEARANCE	NoC for NDCT Height Clearance has been accorded by Airport Authority of India (AAI) on 27.06.2023 and NoC from Ministry of Defense (MoD) has been accorded on 07.03.2024
CPCB CLEARANCE	EC granted by MoEFCC on 20-01-2025
SPCB CLEARANCE	Consent to Establish granted on 21-01-2025
FOREST CLEARANCE	Not Applicable

FINANCIAL DATA (Fig. in Rs. Crore)	
ORIGINAL ESTIMATED COST OF THE PROJECT	6900
LATEST ESTIMATED COST	7272.07
DATE OF FINANCIAL CLOSURE	Financial closure is in process.
YEAR WISE EXPENDITURE	
2023-24	1.39
2024-25	2.71
Expenditure of JUNE'25	0
2025-26	207.49
TOTAL EXPENDITURE (up to 30.06.25)	211.59

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

UNIT WISE MILESTONES (ANTICIPATED/ ACTUAL)

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

STATUS OF MAIN PLANT PACKAGE (BTG)-BHEL

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

STATUS OF BOPs

Sl.	Packages/ Linked Project Milestones	Vendor/ Contracting Agency	Date of Award	Scheduled Date of Comp.	Ant/ Actual Date of Comp.	UNIT-3 (%)
1	Chimney	BHEL	20.03.2025	12.12.2028	Dec 28	0
2	Coal Handling Plant	BHEL	20.03.2025	08.03.2029	Mar-29	0
		BHEL	20.03.2025			0
		BHEL	20.03.2025			0
3	Ash Handling Plant	BHEL	20.03.2025	13.03.2029	Mar-29	0
4	Fuel Oil System	BHEL	20.03.2025	01.07.2028	July-28	0
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	
FUEL TYPE	Coal, Non-Pithead
COAL COMBUSTION TECHNOLOGY	Supercritical
APPROVAL DATE / NTP	Date of NTP 27.03.2025
PPA	PPA with GUVNL. Signing under process.
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.
START UP POWER AGREEMENT	GETCO (STU) to construct tie line between 400 KV Extension (AIS to GIS) switchyard and 800 MW Plant GIS Switchyard.
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

FINANCIAL DATA (Fig. in Rs. Crore)	
ORIGINAL ESTIMATED COST OF THE PROJECT	7000
LATEST ESTIMATED COST	8850
DATE OF FINANCIAL CLOSURE	25.08.2023
YEAR WISE EXPENDITURE	
2024-25	349.75
Expenditure in June-25	0
TOTAL EXPENDITURE (up to 30.06.25)	349.75

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

UNIT WISE MILESTONES (ANTICIPATED/ ACTUAL)

Sl.	Milestone	UNIT-7	
		Original Date of Completion	Actual / Anticipated Date of Completion
1	Completion Of Boiler Foundation	24.07.2026	24.07.2026
2	Start Of Boiler Erection	26.07.2026	26.07.2026
3	Boiler Ceiling Girder Lifting Completion	26.04.2027	26.04.2027
4	Condenser Erection Start	25.07.2027	25.07.2027
5	TG Erection Start	26.01.2028	26.01.2028
6	HP Piping Erection Start	28.12.2027	28.12.2027
7	Boiler Hydro Test (Drainable) Completion	26.06.2028	26.06.2028
8	Boiler Hydro Test (Non-Drainable) Completion	14.03.2029	14.03.2029
9	TG BOX UP	26.01.2029	26.01.2029
10	HP Piping Erection Completion	22.10.2028	22.10.2028
11	Start Of Oil Flushing	10.02.2029	10.02.2029
12	Boiler Light Up	26.03.2029	26.03.2029
13	Chemical Cleaning Completion	16.04.2029	16.04.2029
14	Steam Blowing Start	26.04.2029	26.04.2029
15	Steam Blowing Completion	26.06.2029	26.06.2029
16	Rolling & Sync.	26.07.2029	26.07.2029
17	Full Load	26.08.2029	26.08.2029
18	Trial Run	26.09.2029	26.09.2029
19	COD	26.09.2029	26.09.2029

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

SI	PACKAGE	AREA	UNIT-07
1	BOILER	CIVIL	0%
		STRUCTURE	0%
		PRESSURE PARTS	0%
2	TG	CIVIL	0%
		STRUCTURE	0%
		TG ERECTION	0%
3	ESP	UNDER PROGRESS	0%
4	FGD	CIVIL WORK	0%
		MATERIAL SUPPLY	0%
		ERECTION WORK	0%

STATUS OF BOPs

Sl.	Packages/ Linked Project Milestones	Vendor/ Contracting Agency	Date of Award	Scheduled Date of Comp.	Ant/ Actual Date of Comp.	UNIT-7
1	Chimney	BHEL				0%
2	Coal Handling Plant	BHEL				0%
		BHEL				0%
		BHEL				0%
3	Ash Handling Plant	BHEL				0%
4	Fuel Oil System	BHEL				0%
5	Cooling Towers	BHEL				0%
6	CW Pump house	BHEL				0%
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

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

FUEL TYPE	Coal Based	
COAL COMBUSTION TECHNOLOGY	Ultra-supercritical	
APPROVAL DATE / NTP	20.06.2023	
EPC/BTG/BoP Contractor Details (Package Wise)	20-Aug-23: BTG Supply & Supervision Ordering to M/s BHEL	
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.	
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.	
START UP POWER AGREEMENT	Startup power will be arranged from transmission to be developed by MPPMCL in line with the PSA.	
POWER EVACUATION SYSTEM	Tx Line Developer	MPPMCL
	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	

FINANCIAL DATA (Fig. in Rs. Crore)

ORIGINAL ESTIMATED COST OF THE PROJECT	15530.00
LATEST ESTIMATED COST	15530.00
DATE OF FINANCIAL CLOSURE	20.06.2023
YEAR WISE EXPENDITURE	
2022-23	50
2023-24	724
2024-25	2542.67
EXPENDITURE OF Jun'2025	370
2025-26	950
TOTAL EXPENDITURE (upto 30.06.2025)	4266.67

Status as on 30.06.2025

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	Jul-25
5	CONDENSER ERECTION START	17-06-25	15-06-25	Dec-25	Dec-25
6	TG ERECTION START	Sep-25	Sep-25	Mar-26	Mar-26
7	HP PIPING ERECTION START	Aug-25	Aug-25	Feb-26	Feb-26
8	BOILER HYDRO TEST (DRAINABLE) COMPLETION	Feb-26	Feb-26	Aug-26	Aug-26
9	BOILER HYDRO TEST (NON-DRAINABLE) COMPLETION	Apr-26	Apr-26	Oct-26	Oct-26
10	TG BOX UP	Jul-26	Jul-26	Jan-27	Jan-27
11	HP PIPING ERECTION COMPLETION	Apr-26	Apr-26	Oct-26	Oct-26
12	START OF OIL FLUSHING	Apr-26	Apr-26	Oct-26	Oct-26
13	BOILER LIGHT UP	Aug-26	Aug-26	Feb-27	Feb-27
14	CHEMICAL CLEANING COMPLETION	Jun-26	Jun-26	Dec-26	Dec-26
15	STEAM BLOWING START	Aug-26	Aug-26	Feb-27	Feb-27
16	STEAM BLOWING COMPLETION	Sep-26	Oct-26	Mar-27	Mar-27
17	ROLLING & SYNC.	Nov-26	Nov-26	May-27	May-27
18	FULL LOAD	Dec-26	Dec-26	May-27	May-27
19	TRIAL RUN	Dec-26	**Dec-26**	May-27	**May-27**
20	COD	Dec-26	Jan-27	Jun-27	Jun-27

STATUS OF MAIN PLANT PACKAGE (BTG) : BHEL (Supply contract)

Sl.	Packages	AREA	UNIT-3 % Completion	UNIT-4 % Completion
1	BOILER	CIVIL	51%	41%
		STRUCTURE	51%	41%
		PRESSURE PARTS	51%	41%
2	TG	CIVIL	57%	40%
		STRUCTURE	57%	40%
		TG ERECTION	57%	40%
3	ESP	UNDER PROGRESS	66%	58%
4	FGD	CIVIL WORK	59%	59%
		MATERIAL SUPPLY	59%	59%
		ERECTION WORK	59%	59%

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 % Completion	UNIT-4 % Completion
1	Chimney	M/s Bygging	27-May-24	19-Jul-26	19-Jul-26	57%	57%
2	Coal HandlingPlant Conveyor Package Wagon Tippler Crusher House Pkg	M/s MBPL	22-Jan-24	20-Jun-26	20-Jun-26	56%	56%
			NA	NA	NA	NA	NA
			22-Jan-24	20-Jun-26	20-Jun-26	56%	56%
3	Ash Handling	M/s MBPL	16-Dec-23	20-Jun-26	20-Jun-26	56%	56%
4	Fuel Oil System	M/s Raunaq International Limited	28-Feb-24	21-Jun-26	21-Jun-26	52%	52%
5	Cooling Towers	M/S AS Cooling	02-Jan-24	21-May-26	21-May-26	49%	49%
6	CW Pump House and Piping	Order placed for pumps to M/s Kirloskar Brothers Ltd & M/s Raunaq EPC for Piping	22-Jan-24	21-May-26	21-May-26	67%	67%
7	WPT Plant	Thermax	27-Dec-23	20-Jan-26	20-Jan-26	59%	59%
8	DM Plant	Thermax	27-Dec-23	21-Jan-26	21-Jan-26	59%	59%
9	Compressed Air System	M/s Kirloskar Pneumatic Company Ltd.	18-Mar-24	19-Feb-26	19-Feb-26	51%	51%
10	Fire Protection System	M/s MX Systems International Pvt Ltd	22-Jun-24	22-May-26	22-May-26	30%	30%
11	Switch Yard	M/s Godrej and Boyce	30-Apr-24	21-May-26	21-May-26	49%	49%
12	Station Txer	M/s T&R	25-May-24	13-Jul-26	13-Jul-26	34%	34%
13	Generator Txer	M/s TBEA	30-Apr-24	21-Jul-26	21-Jul-26	34%	34%
14	Unit Txer	M/s T&R	21-May-24	21-Mar-26	21-Mar-26	46%	46%
15	Railway Siding	NA	NA	NA	NA	0%	0%
16	Power evacuation	NA					

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		
FUEL TYPE	Coal	
COAL COMBUSTION TECHNOLOGY	Ultra-Supercritical	
APPROVAL DATE / NTP	Jun-2024 to M/s BHEL (Supply)	
EPC/BTG/BoP Contractor Details (Package Wise)	Awarded to BHEL (Supply) on Jun-2024	
PPA		
COAL LINKAGE/FSA		
START UP POWER AGREEMENT		
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		

FINANCIAL DATA (Fig. in Rs. Crore)	
ORIGINAL ESTIMATED COST OF THE PROJECT	16000
LATEST ESTIMATED COST	16000
DATE OF FINANCIAL CLOSURE	
YEAR WISE EXPENDITURE	
2024-25	839
2025-26	743
EXPENDITURE OF Jun'2025	219
TOTAL EXPENDITURE (upto 30.06.2025)	1582

Status as on 30.06.2025

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

STATUS OF MAIN PLANT PACKAGE (BTG) : M/s BHEL (Supply)

Sl.	Packages	AREA	UNIT-3 % Completion	UNIT-4 % Completion
1	BOILER	CIVIL	21%	18%
		STRUCTURE	21%	18%
		PRESSURE PARTS	21%	18%
2	TG	CIVIL	21%	16%
		STRUCTURE	21%	16%
		TG ERECTION	21%	16%
3	ESP	UNDER PROGRESS	25%	18%
4	FGD	CIVIL WORK	19%	
		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	30.11.27	30-Sep-27	23%	
2	Coal Handling Plant	M/s Thyssenkrupp Industries	21.12.24	30.11.27	30-Sep-27	9%	
3	Ash Handling Plant	M/s Mecgale	16.11.24	30.11.27	30-Sep-27	10%	
4	Fuel Oil System	M/s United System	27.01.25	30.11.27	30-Sep-27	9%	
5	Cooling Towers	M/s Hamon Cooling System	20.11.24	30.11.27	30-Sep-27	15%	15%
6	CW Pump house	M/s Kirloskar Brothers Ltd.	31.10.24	30-Sep-27	30-Sep-27	24%	
7	WPT Plant	M/s Ion Exchange	14.11.24	30-Jun-27	30-Jun-27	20%	
8	DM Plant	M/s Ion Exchange	14.11.24	30-Jun-27	30-Jun-27	20%	
9	Compressed Air System	M/s Kirloskar Pneumatic Company	13.11.24	30-Sep-27	30-Sep-27	11%	
10	Fire Protection System	M/s Johnson Control India	29.01.25	30-Sep-27	30-Sep-27	5%	
11	Switch Yard	M/s Godrej & Boyce	.01.10.24	30-Sep-27	30-Sep-27	8%	
12	Station Transformers	M/s T&R	08.11.24	30-Sep-27	30-Sep-27	8%	
13	Generator Transformers	M/s TBEA	08.11.24	30-Sep-27	30-Sep-27	8%	
14	Unit Transformers	M/s T&R	12..11.24	30-Sep-27	30-Sep-27	8%	
15	Railway Siding	Under Tendering				0%	
16	Power Evacuation Lines	-	-		-	NA	

CRITICAL ISSUES

REASONS OF DELAY

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

Village Chhote Bhandar, Post Office: Bade Bhandar, Tehsil: Pussore, Raigarh, Chhattisgarh.
E-Gen Portal Registration No. (. Unit-3: 1200004029, Unit -4: 1200004030)

Project Developer / Implementing Agency – Adani Power Ltd.		Main Plant Vendor – M/s BHEL (Supply)			
Unit No.	LOA	Original Trial Run Date	Anticipated /	Actual	Trial Run Date
Unit#3	October 2024	Jan-2028	Jan-2028		
Unit#4		Jul-2028	Jul-2028		

CLEARANCES AND STATIC DATA		
FUEL TYPE	Coal	
COAL COMBUSTION TECHNOLOGY	Ultra Supercritical	
APPROVAL DATE / NTP	M/s BHEL (Supply)	
EPC/BTG/BoP Contractor Details (Package Wise)	Awarded to BHEL (Supply)	
PPA		
COAL LINKAGE/FSA		
START UP POWER AGREEMENT		
POWER EVACUATION SYSTEM		
LAND POSSESSION		
WATER ALLOCATION		
MOEF CLEARANCE		
CIVIL AVIATION CLEARANCE		
CPCB CLEARANCE		
SPCB CLEARANCE		
FOREST CLEARANCE		

FINANCIAL DATA (Fig. in Rs. Crore)	
ORIGINAL ESTIMATED COST OF THE PROJECT	16000
LATEST ESTIMATED COST	16000
DATE OF FINANCIAL CLOSURE	
YEAR WISE EXPENDITURE	
20024-25	395
EXPENDITURE OF Jun'2025	270
2025-26	830
TOTAL EXPENDITURE (upto 30.06.2025)	1225

Status as on 30.06.2025

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

STATUS OF MAIN PLANT PACKAGE (BTG) : M/s BHEL (Supply)

Sl.	Packages	AREA	UNIT-3	UNIT-4
			% Completion	% Completion
1	BOILER	CIVIL	17%	13%
		STRUCTURE	17%	13%
		PRESSURE PARTS	17%	13%
2	TG	CIVIL	15%	11%
		STRUCTURE	15%	11%
		TG ERECTION	15%	11%
3	ESP	UNDER PROGRESS	23%	16%
4	FGD	CIVIL WORK	14%	
		MATERIAL SUPPLY		
		ERECTION WORK		

STATUS OF BOPs (BHEL-Supply)

Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency (Supply-BHEL)	Date of Award	Scheduled Date of Completion	Anticipated /Actual Date of Completion	UNIT-3 % Completion	UNIT-4 % Completion
1	Chimney	M/s Rohan Builders	05.11.24	30-Jan-28	30-Jan-28	17%	
2	Coal Handling Plant	Conveyor Package/M/s Bengal Tools Ltd	27.11.24	30-Jan-28	30-Jan-28	9%	
		Wagon Tippler/ M/s Bengal Tools Ltd	27.11.24	30-Jan-28	30-Jan-28	9%	
		Stacker reclaimer package/ M/s Bengal Tools Ltd	27.11.24	30-Jan-28	30-Jan-28	9%	
3	Ash Handling Plant	M/s Bengal Tools Ltd	16.10.24	30-Jan-28	30-Jan-28	11%	
4	Fuel Oil System	M/s United System	27.01.25	30-Jan-28	30-Jan-28	11%	
5	Cooling Towers	M/s Paharpur	27.11.24	30-Jan-28	30-Jan-28	12%	12%
6	CW Pump house	M/s Kirloskar Brothers Ltd	24.12.24	30-Jan-28	30-Jan-28	21%	
7	WPT Plant	M/s Ion Exchange	14.11.24	30-Nov-27	30-Nov-27	18%	
8	DM Plant	M/s Ion Exchange	14.11.24	30-Nov-27	30-Nov.27	18%	
9	Compressed Air System	M/s Kirloskar Pneumatic Comp Ltd	12.09.24	30-Jan-28	30-Jan-28	9%	
10	Fire Protection System	M/s Johanson Control India	29.01.25	30-Jan-28	30-Jan-28	5%	
11	Switch Yard	M/s Godrej & Boyce	01.10.24	30-Jan-28	30-Jan-28	8%	
12	Station Transformers	M/s T&R	26.09.24	30-Jan-28	30-Jan-28	9%	
13	Generator Transformers	M/s TEBA	26.09.24	30-Jan-28	30-Jan-28	9%	
14	Unit Transformers	M/s T&R	12.11.24	30-Jan-28	30-Jan-28	7%	
15	Railway Siding	M/s SRC Company Infra Pvt. Ltd	30.04.24	30-Nov-27	30-Nov-27	11%	
16	Power Evacuation Lines					NA	

CRITICAL ISSUES

REASONS OF DELAY

(The project is on hold since March 2021 due to NGT order)

Status as on 30.06.2025

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

Uppur STPP, Ramnad District - 623503, Tamil Nadu

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

Project Developer / Implementing Agency - TNPGCL		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

FUEL TYPE	Coal, Indigenous & Imported (MMTC)	
COAL COMBUSTION TECHNOLOGY	Supercritical	
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.	
EPC/BTG/BoP Contractor Details (Package Wise)	Order placed on M/s. BHEL on 27/02/2016.	
PPA	NOT APPLICABLE. State sector project.	
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.	
START UP POWER AGREEMENT	230KV/11 Karaigudi Feeder	
POWER EVACUATION SYSTEM	Tx Line Developer	TANTransco
	Tx Line Name Tx Voltage Level	Uppur SCTPP – Virudhunagar, 765 KV, D/C line
	Configuration of Tx Line (S/C or D/C)	
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.	
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	

FINANCIAL DATA (Fig. in Rs. Crore)

ORIGINAL ESTIMATED COST OF THE PROJECT	12778.00
LATEST ESTIMATED COST	Not Applicable
DATE OF FINANCIAL CLOSURE	Financial tie up with M/s. PFC
YEAR WISE EXPENDITURE	
2016-17	16.74
2017-18	226.62
2018-19	1594.15
2019-20	924.32
2020-21	366.61
2021-22	
2022-23	
EXPENDITURE OF Nov'2024	0
TOTAL EXPENDITURE (upto 30.11.2024)	3319.62

* 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, deliveredon 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 existing2x800 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 GOTN for administrative approval. Energy Secretary/GoTN has been addressed vide Letter dtd 10.05.2021 for approval ofthe above. Further, as informed by TNGENCO, CMD has accorded approval on 27.08.2021 to form a high committee comprising of three directors and four Chief Engineers to re-study the shifting of UPPUR Project. High Level Committee have furnished report on 22.10.2021 and recommended that the 2X800 MW Uppur Project shall be executed at Uppur itself. TNGENCO Board in its 102nd meeting held on 29.10.2021 has directed to obtain opinion from the Consultant M/s. Ernst & Young regarding the viability and feasibility of this project and the same is in progress.

Status as on 30.06.2025

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

UNIT WISE MILESTONES (ANTICIPATED / ACTUAL)

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

STATUS OF MAIN PLANT PACKAGE (BTG)

Sl.	Packages	AREA	UNIT-1	UNIT-2
			% Completion	% Completion
1	BOILER	CIVIL	23%	30%
		STRUCTURE	55%	31%
		PRESSURE PARTS	1%	0%
2	TG	CIVIL	Works yet to commence	
		STRUCTURE		
		TG ERECTION		
3	ESP	UNDER PROGRESS	14%	6%
4	FGD	CIVIL WORK	Contract is yet to be awarded	
		MATERIAL SUPPLY		
		ERECTION WORK		

STATUS OF BOPs

Sl.	Packages/ Linked Project Milestones	Vendor/Contracting Agency	Date of Award	Scheduled Date of Completion	Anticipated /Actual Date of Completion	UNIT-01 % Completion	UNIT-02 % Completion
1	Chimney	The contract was short closed due to huge price escalation sought by M/s RIL.				The contract was short closed due to huge price escalation sought by M/s RIL.	The contract was short closed due to huge price escalation sought by M/s RIL.
2	Coal Handling Plant						
3	Ash Handling Plant						
4	Fuel Oil System						
5	Cooling Towers						
6	CW Pump house						
7	WPT Plant						
8	DM Plant						
9	Compressed Air System						
10	Fire Protection System						
11	Switch Yard						
12	Station Transformers						
13	Unit Transformers						
14	Railway Siding						
15	Power Evacuation Lines						

CRITICAL ISSUES

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

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

REASONS OF DELAY

NGT Ordered to stop the work.

Status as on 30.06.2025

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

FUEL TYPE	Coal, Indigenous & Imported	
COAL COMBUSTION TECHNOLOGY	Super Critical	
APPROVAL DATE / NTP	14.07.2014	
EPC/BTG/BoP Contractor Details (Package Wise)	M/s BGRESL (EPC) wef June-2022 (earlier this project was awarded to M/s Lanco Infra)	
PPA	Entire power is to be utilized by TNGENCO	
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.	
START UP POWER AGREEMENT		
POWER EVACUATION SYSTEM	Tx Line Developer	TANTRANSCO
	Tx Line Name Tx Voltage Level	
	Configuration of Tx Line (S/C or D/C)	
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 16th May 2008.	
CPCB CLEARANCE		
SPCB CLEARANCE	Tamil Nadu Government GO (4D) No 01 Dated 15.11.2012.	
FOREST CLEARANCE		

FINANCIAL DATA (Fig. in Rs. Crore)

ORIGINAL ESTIMATED COST OF THE PROJECT	4956
LATEST ESTIMATED COST	7093
DATE OF FINANCIAL CLOSURE	

YEAR WISE EXPENDITURE	
2014-15	239.70
2015-16	288.91
2016-17	
2017-18	
2018-19	
2019-20	
2020-21	
TOTAL EXPENDITURE (upto 30.11.2024)	821.90 crores

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		