



भारत सरकार Govt. of India

विद्युत् मंत्रालय Ministry of Power

केन्द्रीय विद्युत प्राधिकरण Central Electricity Authority

नई दिल्ली New Delhi

**Monthly Report of
Commissioned
Transmission Projects awarded
through
Tariff Based Competitive Bidding
(TBCB) Route**

April, 2025

(Published in fulfilment of CEA's obligation under section 73(i) & (j) of the Electricity Act, 2003)

(Disclaimer: The information published in this report is for indicative purpose only and shall not be used as a ground to claim time & cost overrun. Further, in no way this information, as per article 5.8 (Remedial measures) of TSA, relieves the TSP of its obligations in the agreement.)

Summary of Commissioned Projects

(Awarded through Tariff Based Competitive Bidding Route)

Transmission Utility	No. of Projects	Transmission Line (ckm)	Transformation Capacity (MVA)	Cost (Rs. Cr.)
PGCIL	24	16,484	28,530	38,474
Pvt. TSPs	39	19,293	47,240	47,571
Total	63	35,777	75,770	86,045

Table: Overview of commissioned ISTS (TBCB) projects, detailing the total capacity of transmission lines (ckm) and transformation capacity (MVA) as of April 2025.

No. of Projects	63	No. of Projects completed during Jan 2025	1
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Sl. No.	Name of the Trans line	Executing Agency	Length (CKM)	MVA	Cost	State-1	State-2	Schedule d COD-Original	Actual COD
	FY 2013-14								
1	Western Region System Strengthening – II under Project – B (Maharashtra)	PGCIL			1,155	Maharashtra		Jan-2014	Jan - 14
	Parli (New) – Pune 400 kV D/C line	PGCIL	622						Dec - 13
	Pune – Aurangabad 400 kV D/C line	PGCIL	514						Jan - 14
	Parli (New) – Solapur 400 kV D/C line	PGCIL	272						Nov - 11
	Solapur – Kolhapur 400 kV D/C line	PGCIL	440						Jul - 12
	LILO of Lonikhand – Kalwa 400 kV D/C line at Pune	PGCIL	2						Apr - 11
	LILO of Sholapur – Karad 400 kV S/C line at Solapur	PGCIL	5						Aug - 13
	FY 2014-15								
2	Transmission System Associated with Krishnapattnam UMPP- Synchronous interconnection between SR and WR (Part-	RSTCL			440	Karnataka	Maharashtra	Jan-2014	Jun - 14
	Raichur-Sholapur 765 kV S/C line-1	RSTCL	208					Jan-2014	Jun - 14
3	Scheme for enabling import of NER/ER surplus by NR	Sterlite			1,700	Assam	Bihar	Jan-2013	Nov - 14
	Bongaigaon - Siliguri 400 kV D/C line	Sterlite	443						Nov - 14
	Purnea – Biharshariff 400 kV D/C line	Sterlite	466						Sep - 13
	FY 2015-16								
4	System strengthening for WR	Sterlite			2,900	Madhya Pradesh	Maharashtra	Mar-2014	Jun - 15
	Jabalpur-Bhopal 765 kV S/C line	Sterlite	274						Jun - 15
	Bhopal-Indore 765 kV S/C line	Sterlite	176						Oct - 14
	Bhopal-Bhopal (MP) 400 kV D/C line	Sterlite	17						Jul - 14
	Aurangabad-Dhule 765 kV S/C line	Sterlite	192						Oct - 14
	Dhule-Vadodara 765 kV S/C line	Sterlite	263						Feb - 15
	Dhule - Dhule(Mah) 400 kV D/C Line	Sterlite	35						Nov - 14
	2x1500 MVA 765/400 kV s/s at Bhopal	Sterlite		3,000					Jul - 14
	2x1500 MVA, 765/400 kV s/s at Dhule	Sterlite		3,000					Nov - 14
5	System strengthening common for WR and NR	Sterlite			1,720	Madhya Pradesh	Chhattisgarh	Mar-2014	Sep - 15
	Dhramjaygarh -Jabalpur 765 kV D/C lines	Sterlite	758						Sep - 15
	Jabalpur-Bina 765 kV S/C line	Sterlite	245						Jun - 15
6	Western Region System Strengthening – II under Project – C (Gujarat)	Adani			670	Gujarat			Dec - 15

Sl. No.	Name of the Trans line	Executing Agency	Length (CKM)	MVA	Cost	State-1	State-2	Schedule d COD-Original	Actual COD
	Rajgarh – Karamsad 400 kV D/C line	Adani	486						Dec - 15
	Limdi (Chorania) – Vadavi 400 kV D/C line	Adani	206						May - 11
	Vadavi – Zerda (Kansari) 400 kV D/C line	Adani	282						Nov - 11
	FY 2016-17								
7	Transmission system for Strengthening in Southern Region for import of Power from ER	PGCIL			1,180	Andhra Pradesh	Telangana	Aug-2016	Sep - 16
	Srikakulam PP – Vemagiri-II Pooling Station 765kV D/c line	PGCIL	1,336			Andhra Pradesh	Andhra Pradesh	Aug-2016	Sep - 16
	Khammam (existing) – Nagarjunasagar 400 kV D/C line	PGCIL	289			Telangana	Andhra Pradesh	Aug-2016	Sep - 16
8	Transmission System required for evacuation of power from Kudgi TPS (3x800 MW in Phase-I) of NTPC Ltd.	L&T			1,240	Karnataka		Dec-2015	Sep - 16
	Kudgi TPS – Narendra 400 kV 2xD/C line (I&II)	L&T	14						Jun - 16
	Narendra (New) – Madhugiri 765 kV D/C line	L&T	758						Sep - 16
	Madhugiri (Tumkur) – Bidadi 400 kV D/C line	L&T	186						Aug - 16
9	Part ATS for RAPP U-7&8 in Rajasthan	Sterlite			310	Rajasthan		Feb-2016	Nov - 16
	RAPP - Shujalpur 400kV D/C line	Sterlite	402						Nov - 16
10	ATS of Unchahar TPS	PGCIL			70	Uttar Pradesh		Sep-2016	Dec - 16
	Unchahar – Fatehpur 400 kV D/C line	PGCIL	106			Uttar Pradesh	Uttar Pradesh	Sep-2016	Dec - 16
11	Eastern Region System Strengthening Scheme-VII	Sterlite			370	Jharkhand	West Bengal	Apr-2016	Jan - 17
	Purulia PSP (WB) – Ranchi (PG) 400 kV D/C line	Sterlite	223						Jan - 17
	Chaibasa – Kharagpur 400 kV D/C line	Sterlite	323						Jan - 17
	FY 2017-18								
12	Northern Region System Strengthening Scheme(NRSS) - XXXI (Part-B)	Essel			370	J&K	Punjab	Sep-2016	Apr - 17
	Kurukshetra – Malerkotla 400 kV D/C line	Essel	278					Sep-2016	Jan - 17
	Malerkotla – Amritsar 400 kV D/C line.	Essel	152					Sep-2016	Apr - 17
13	Transmission System for Patran 400 kV S/S	Techno Electric			200	Punjab		Nov-2016	May - 17
	LILO of both circuits of Patiala-Kaithal 400kV D/C at Patran (Triple snow Bird Conductor)	Techno Electric	0					Nov-2016	Jun - 16
	2x500 MVA, 400/220 kV Patran substation	Techno Electric		1,000				Nov-2016	May - 17

Sl. No.	Name of the Trans line	Executing Agency	Length (CKM)	MVA	Cost	State-1	State-2	Schedule d COD-Original	Actual COD
14	NR System strengthening Scheme-NRSS-XXXI (Part-A)	PGCIL			225			Jul-2017	Jul - 17
	2x315 MVA, 400/220 kV GIS at Kala amb with 40% series compensation on 400 kV Karcham Wangtoo – Kala Amb D/C line at Kala Amb end	PGCIL		630				Jul-2017	Jul - 17
	LILO of both ckt of Karcham Wangtoo - Abdullapur 400 kV D/C line at Kala Amb	PGCIL	2					Jul-2017	Jul - 17
15	Eastern Region System Strengthening Scheme-VI(ERSS-VI)	Essel			540	Bihar		Aug-2016	Aug - 17
	Muzaffarpur (PG) - Darbhanga 400 kV D/c line with triple snowbird conductor	Essel	126					Jun-2016	Apr - 17
	LILO of Barh –Gorakhpur 400 kV 2xD/c line at Motihari	Essel	152					Aug-2016	Aug - 17
	2x500 MVA, 400/220 kV Darbhanga GIS with space for future extension	Essel		1,000				Aug-2016	Aug - 17
	2x200 MVA, 400/132 kV Motihari GIS with space for future extension	Essel		400				Aug-2016	Aug - 17
16	Connectivity lines for Maheshwaram 765/400 kV Pooling Station	Sterlite			534	Karnataka		Jun-2018	Dec - 17
	Maheshwaram – Mahboobnagar 400 kV D/C line	Sterlite	197					Jun-2018	Dec - 17
	Nizamabad – Yeddumailaram (Shankarpalli) 400 kV D/C line	Sterlite	279					Jun-2018	Oct - 17
	FY 2018-19								
17	Transmission System associated with Gadawara STPS (2x800 MW) of NTPC (Part-B)	PGCIL			2,360	Madhya Pradesh	Maharashtra	Jan-2018	Jun - 18
	Warora Pooling Station - Parli (New) 765 kV D/C line	PGCIL	694					Jan-2018	Jun - 18
	Parli (New) - Solapur 765 kV D/C line	PGCIL	236					Jan-2018	Jun - 18
	Parli (New) – Parli (PG) 400 kV D/C (Q) line	PGCIL	36					Jan-2018	Jun - 18
	2x1500 MVA, 765/400 kV Parli (New) sub station	PGCIL		3,000				Jan-2018	Jun - 18
18	Transmission System associated with Gadawara STPS (2x800 MW) of NTPC (Part-A)	PGCIL			2,525	Madhya Pradesh	Maharashtra	Jan-2018	Jul - 18
	Initially from Gadawara to be LILO of Seoni-Bina 765kV S/C line	PGCIL	31					Jan-2018	Jul - 18

Sl. No.	Name of the Trans line	Executi ng Agency	Length (CKM)	MVA	Cost	State-1	State-2	Schedule d COD- Original	Actual COD
	Dismantle the LILO and extend Line upto Jabalpur S/S	PGCIL	88					Jan-2018	Jul - 18
	Gadarwara STPS- Warora P.S. (New) 765kV D/C line	PGCIL	627					Jan-2018	Jul - 18
	LILO of both Ckts. of Wardha - Parli at Warora (New) Pooling Station	PGCIL	196					Jan-2018	Jul - 18
	2x1500 MVA, 765/400 kV Warora (New) pooling station	PGCIL		3,000				Jan-2018	Jul - 18
19	Northern Region System Strengthening Scheme(NRSS-XXIX)	Sterlite			2,621	J&K		Oct-2018	Aug - 18
	Jalandhar – Samba 400 kV D/C line	Sterlite	270					Oct-2018	Jun - 16
	Samba – Amargarh 400 kV D/C line	Sterlite	547					Oct-2018	Aug - 18
	2x315 MVA, 400/220 kV Amargarh GIS	Sterlite		630				Oct-2018	May - 18
	LILO of both circuit of Uri – Wagoora 400 kV D/C line at Amargarh	Sterlite	14					Oct-2018	Apr - 18
20	Transmission System Strengthening associated with Vindhyachal- V	PGCIL			1,200	Madhya Pradesh		Jun-2018	Dec - 18
	Vindhyachal Pooling Station - Jabalpur Pooling Station line 765 kV D/C line	PGCIL	750					Jun-2018	Dec - 18
21	Common Transmission system for phase-II generation projects in Orissa and immediate evacuation system for OPGC project (Orissa)	Sterlite			1,698	Odisha	Chhattisgarh	Aug-2019	Dec - 18
	Jharsuguda – Raipur 765 kV D/C (hexa) line	Sterlite	610					Aug-2019	Dec - 18
	OPGC TPS– Jharsuguda 400 kV D/C (triple) line	Sterlite	103					Aug-2019	Dec - 17
22	Transmission system associated with IPPs of Nagapattinam / Cuddalore Area- Package A	PGCIL			1,025	Tamil nadu	Karnataka	Dec-2012	Jan - 19
	Nagapattinam Pooling Station-Salem 765 kV D/C line	PGCIL	406			Tamil nadu	Tamil nadu	Dec-2012	Jan - 19
	Salem - Madhugiri 765 kV S/C line	PGCIL	219			Tamil nadu	Karnataka	Dec-2012	Jan - 19
23	Additional system strengthening for Sipat STPS	Adani			1,097	Chhattisgarh		Mar-2019	Mar - 19
	Sipat STPS - Bilaspur 765 kV S/C (Q) line	Adani	24						Aug - 18
	Bilaspur - Rajnandgaon 765 kV D/C (hexa) line	Adani	324						Mar - 19
24	Additional system strengthening for Chhattisgarh (B)	Adani			2,260	Chhattisgarh	Maharashtra	Nov-2018	Mar - 19
	Raipur - Rajnandgaon 765 kV D/C (hexa) line	Adani	80					Nov-2018	Mar - 19
	Rajnandgaon - Warora 765 kV D/C (hexa) line	Adani	532					Nov-2018	Mar - 19

Sl. No.	Name of the Trans line	Executing Agency	Length (CKM)	MVA	Cost	State-1	State-2	Schedule COD-Original	Actual COD
	FY 2019-20								
25	System strengthening for IPPs in Chhattisgarh and other generation projects in western region	Adani			1,285	Chhattisgarh	Maharashtra	Mar-2019	Aug - 19
	Gwalior - Morena 400 kV D/C (Q) line	Adani	96					Mar-2019	May - 18
	2x315 MVA, 400/220 kV Morena substation	Adani		630				Mar-2019	May - 18
	Vindhyachal STPS - IV & V – Vindhyachal pool 400 kV D/C (Q) line	Adani	55					Mar-2019	Mar - 18
	Sasan UMPP – Vindhyachal Pooling Station 765 kV S/C (Q) line	Adani	6					Mar-2019	Apr - 18
	Raigarh (Kotra) – Champa (Pool) 765 kV S/C (Q) line	Adani	97					Mar-2019	Aug - 18
	Champa (Pool) – Dharamjaygarh 765 kV S/C (Q) line	Adani	51					Mar-2019	Jul - 18
	LILO of one ckt of Aurangabad – Padghe 765 kV D/C (hexa) line at Pune	Adani	129					Mar-2019	Aug - 19
26	Transmission system strengthening in Indian system for transfer of power from new HEP's in Bhutan	Kalpataru			1,809	Bihar	West Bengal	Mar-2019	Jan - 20
	Alipurduar (PG) – Siliguri (PG) 400 KV D/C line	Kalpataru	231					Mar-2019	Jan - 20
	Kishanganj (PG) – Darbhanga (DMTCL) 400 KV D/C line	Kalpataru	209					Mar-2019	Jan - 20
27	Strengthening of Transmission System beyond Vemagiri	PGCIL			7,032	Andhra Pradesh	Telangana	Apr-2019	Jan - 20
	Vemagiri - Chilakaluripeta 765kV D/C Line	PGCIL	558					Apr-2019	Jan - 20
	Chilakaluripeta - Cudappah 765 kV D/C Line	PGCIL	576					Apr-2019	Jan - 20
	Cudappah - Madhugiri 400 kV D/C (Quad Moose) Line	PGCIL	486					Apr-2019	Jan - 20
	Srikakulam - Garividi 400 kV (Quad Moose) D/C Line	PGCIL	288					Apr-2019	Jan - 20
	Chilkalurapeta - Narasaraopeta 400 kV (Quad Moose) D/C Line	PGCIL	60					Apr-2019	Jan - 20
28	Creation of new 400 kV GIS in Gurgaon area and Palwal as a part of ISTS	Sterlite			1,640	Haryana	Uttar Pradesh	Sep-2019	Mar - 20
	Aligarh-Prithala 400 kV D/C HTLS line	Sterlite	99					Sep-2019	Jul - 19
	Prithala-Kadarpur 400 kV D/C HTLS line	Sterlite	58					Sep-2019	May - 19
	Kadarpur-Sohna road 400 kV D/C HTLS line	Sterlite	21					Sep-2019	Sep - 19
	LILO of Gurgaon – Manesar 400 kV D/C (Q) line at Sohna Road	Sterlite	2					Sep-2019	Sep - 19

Sl. No.	Name of the Trans line	Executing Agency	Length (CKM)	MVA	Cost	State-1	State-2	Schedule d COD-Original	Actual COD
	Neemrana(PG) – Dhanonda 400 kV D/C HTLS line	Sterlite	93					Sep-2019	Feb - 19
	2x500 MVA, 400/220 kV GIS at Kadarpur (Gurgaon)	Sterlite		1,000				May-2019	Dec - 19
	2x500 MVA, 400/220 kV GIS at Sohna Road (Gurgaon)	Sterlite		1,000				May-2019	Mar - 20
	2x500 MVA, 400/220 kV GIS at Prithala(Palwal)	Sterlite		1,000				May-2019	Jul - 19
	LILO of both ckt of Karcham Wangtoo - Abdullapur 400 kV D/C line at Kala Amb	Sterlite	2					Jul-2017	Jul - 24
	FY 2020-21								
29	North Eastern Region Strengthening Scheme (NERSS-VI)	Kalpataru			653			Jul-2020	Oct - 20
	Imphal-New Kohima 400 kV D/C line	Kalpataru	272					Jul-2020	Oct - 20
	New Kohima - Mariani 400 kV D/c line	Kalpataru	236					Jul-2020	Jul - 20
	Establishment of 400/220 kV, 2x500 MVA s/s at new Kohima	Kalpataru		1,000				Jul-2020	Jul - 20
30	Transmission system for NER System Strengthening Scheme-II (Part-B) and V (NER-IIB & V)	Sterlite			2,471	Assam & Arunachal		Nov-2020	Mar - 21
	2x315 MVA, 400/132 kV S/S at Surajmaninagar	Sterlite		630				Jul-2020	Jan - 21
	2x315 MVA, 400/132 kV S/S at P.K. Bari	Sterlite		630				Jul-2020	Jan - 21
	Surajmaninagar - P. K. Bari 400 kV D/C line	Sterlite	155					Jul-2020	Jan - 21
	AGTPP (NEEPCO) – P.K. Bari (TSECL) 132 kV D/c line	Sterlite	167					Mar-2020	Mar - 21
	Biswanath Chariyalli (PG) – Itanagar 132kV D/c (Zebra) line	Sterlite	126					Mar-2020	Mar - 21
	Silchar (PG) – Misa (PG) 400kV D/c (Q) line	Sterlite	357						Feb - 21
	LILO of one circuit of Biswanath Chariyalli (PG)) – Itanagar 132kV D/C (Zebra) line at Gohpur (AEGCL)	Sterlite	16					Mar-2020	Mar - 21
	FY 2021-22								
31	Transmission system associated with LTA applications from Rajasthan SEZ Part-A	PGCIL			872	Rajasthan		May-2021	May - 21
	Ajmer (PG) – Phagi (RVPN) 765kV D/C line	PGCIL	268					May-2021	May - 21
32	New WR- NR 765 kV Inter-Regional corridor	PGCIL			916			Dec-2021	Jul - 21
	765 kV D/C Vindhyachal Pooling Station-Varanasi D/C Transmission Line	PGCIL	379					Dec-2021	Jul - 21

Sl. No.	Name of the Trans line	Executi ng Agency	Length (CKM)	MVA	Cost	State-1	State-2	Schedule d COD- Original	Actual COD
33	Transmission System for Ultra Mega Solar Park in Fatehgarh, Distt. Jaisalmer Rajasthan (SPV:Fatehgarh-Bhadla Transmission Ltd)	Adani			575	Rajasthan		Sep-2019	Jul - 21
	765 kV Fatehgarh Pooling sub-station - Bhadla (PG) D/C line (to be operated at 400 kV)	Adani	292					Sep-2019	Jul - 21
34	Transmission system associated with LTA applications from Rajasthan SEZ Part-B (SPV:Fatehgarh-II Transco Limited)	PGCIL			1,186	Rajasthan		Aug-2021	Aug - 21
	Fatehgarh-II – Bhadla-II 765kV D/c line.	PGCIL	375					Aug-2021	Aug - 21
35	Transmission System Associated with LTA applications from Rajasthan SEZ Part-D (SPV: Bikaner-Khetri Transmission Limited)	Adani			1,631	Rajasthan		Aug-2021	Sep - 21
	Bikaner (PG) – Khetri S/S 765 kV D/C line	Adani	481					Aug-2021	Sep - 21
36	Eastern Region Strengthening Scheme-XXI	PGCIL			1,090	Bihar		Aug-2021	Oct - 21
	Darbhangha – Sitamarhi (New) 400kV D/C line	PGCIL	160					Aug-2021	Oct - 21
	Sitamarhi (New) – Motihari 400kV D/C line	PGCIL	171					Aug-2021	Oct - 21
	LILO of both circuits of Nabinagar-II – Gaya 400KV D/c (Quad Moose) line of PGCIL at Chandauti (New)	PGCIL	6					Aug-2021	Oct - 21
	LILO of Kishanganj – Patna 400KV D/c (Quad Moose) line of PGCIL at Saharsa (New)	PGCIL	149					Aug-2021	Oct - 21
	Establishment of 400/220/132 kV, 2x500 MVA + 2x200 MVA S/s at Sitamarhi (New)	PGCIL		1,400				Aug-2021	Oct - 21
	Establishment of 400/220/132 kV, 3x500 MVA + 3x200 MVA S/s at Chandauti (New)	PGCIL		2,100				Aug-2021	Oct - 21
	Establishment of 400/220/132 kV, 2x500 MVA + 2x200 MVA S/s at Saharsa (New)	PGCIL		1,400				Aug-2021	Oct - 21
37	Transmission system associated with LTA applications from Rajasthan SEZ Part-C	PGCIL			1,448	Rajasthan		Aug-2021	Oct - 21
	Khetri– Jhatikara 765kV D/c line	PGCIL	292					Aug-2021	Oct - 21
	Khetri– Sikar (PG) 400kV D/c line	PGCIL	156					Aug-2021	Oct - 21
38	Connectivity system for Khargone TPP (2x660 MW)	Sterlite			2,136	Madhya Pradesh		Jul-2019	Dec - 21
	LILO of one ckt of Khandwa - Rajgarh 400kV D/C line at Khargone TPP	Sterlite	14					Jul-2019	Feb - 18
	Khargone TPP – Khandwa pool 400 kV D/C (Quad) line	Sterlite	50					Jul-2019	Mar - 20
	Khandwa Pool – Indore 765kV D/C line	Sterlite	180					Jul-2019	Mar - 20
	Khandwa Pool – Dhule 765 kV D/C line	Sterlite	383					Jul-2019	Dec - 21

Sl. No.	Name of the Trans line	Executing Agency	Length (CKM)	MVA	Cost	State-1	State-2	Schedule d COD-Original	Actual COD
	Establishment of 2x1500MVA, 765/400kV, pooling station at Khandwa	Sterlite		3,000				Jul-2019	Mar - 20
	FY 2022-23								
39	Eastern Region Strengthening Scheme-XVIII	PGCIL			3,994	West Bengal		Dec-2020	Aug - 22
	Ranchi – Medinipur 765kV D/C line	PGCIL	538					Dec-2020	Aug - 22
	Medinipur - Jeerat (New) 765kV D/C line	PGCIL	338					Dec-2020	Aug - 22
	Jeerat (New) – Subhasgram 400kV D/C line	PGCIL	214					Dec-2020	Aug - 22
	Jeerat (New) – Jeerat (WBSETCL) 400kV D/C line	PGCIL	51					Dec-2020	Aug - 22
	LILO of Jeerat (WBSETCL) – Subhasgram (PG) 400kV at Rajarhat	PGCIL	48					Dec-2020	Aug - 22
	LILO of both circuits of Chandithala – Kharagpur 400kV D/C line at Medinipur	PGCIL	296					Dec-2020	Aug - 22
	2x1500 MVA , 765/400 kV Substation at Medinipur	PGCIL		3,000				Dec-2020	Aug - 22
	2x1500 MVA , 765/400 kV Substation at Jeerat (New)	PGCIL		3,000				Dec-2020	Aug - 22
40	(WRSS – 21) Part – A – Transmission System Strengthening for Relieving Over Loadings Observed in Gujarat Intra-State System Due to Re-injections in Bhuj PS	Adani			1,090	Gujarat		Aug-2021	Oct - 22
	Bhuj PS – Lakadia PS 765 kV D/C line	Adani	214					Aug-2021	Oct - 22
	LILO of Bhachau – EPGL line 400 kV D/C (triple) line at Lakadia PS	Adani	76					Aug-2021	Oct - 22
	Establishment of 2x1500 MVA, 765/400 kV Lakadia PS with 765 kV (1x330 MVAR) & 420 kV (1x125 MVAR) bus reactor	Adani		3,000				Aug-2021	Oct - 22
41	Transmission System for Transmission System Associated with RE Generations at Bhuj-II, Dwarka & Lakadia	Adani			1,053	Gujarat		Feb-2022	Oct - 22
	Lakadia PS – Banaskantha PS 765kV D/c line	Adani	352					Feb-2022	Oct - 22
42	Transmission System for Jam Khambaliya Pooling Station and Interconnection of Jam Khambaliya Pooling Station for Providing Connectivity to RE Projects (1500 MW)	Adani			394	Gujarat		Nov-2021	Nov - 22
	Establishment of 4x500 MVA, 400/220 kV Jam Khambaliya PS (GIS)	Adani		2,000				Nov-2021	Apr - 22
	1x500 MVA, 400/220 ICT at CGPL Mundra switchyard	Adani		500				Nov-2021	Nov - 22

Sl. No.	Name of the Trans line	Executing Agency	Length (CKM)	MVA	Cost	State-1	State-2	Schedule d COD-Original	Actual COD
43	Transmission System for providing connectivity to RE Projects at Bhuj-II (2000 MW) in Gujarat	PGCIL			1,409	Gujarat		Aug-2021	Nov - 22
	Reconfiguration of Bhuj PS – Lakadia PS 765kV D/c line so as to establish Bhuj-II –Lakadia 765 kV D/C line as well as Bhuj-Bhuj-II 765kV D/C line	PGCIL	212					Aug-2021	Nov - 22
44	WRSS – 21 Part – B – Transmission System Strengthening for Relieving Over Loadings Observed in Gujarat Intra-State System Due to RE-injections in Bhuj PS	Sterlite			2,003	Gujarat		Aug-2021	Jan - 23
	Lakadia – Vadodara 765kV D/c line	Sterlite	670					Aug-2021	Jan - 23
	FY 2023-24								
45	Transmission system associated with LTA applications from Rajasthan SEZ Part-F, Phase-II	PGCIL			3,508	Rajasthan		Dec-2022	Jun - 23
	Bikaner II- Khetri 400kV 2XD/C line (Twin HTLS)	PGCIL	1,102					Dec-2022	Jun - 23
	Khetri - Bhiwadi 400kV D/C line (Twin HTLS)	PGCIL	251					Dec-2022	Jun - 23
	400/220kV New Bikaner II Substation STATCOM (±300MVAR 2x125MVAR MSC, 1x125MVAR MSR)	PGCIL						Dec-2022	Jun - 23
46	Development of Additional Inter regional AC link for import into Southern region i.e Warora-Warangal and Chilakaluripeta – Hyderabad – Kurnool 765 kV link	Adani			4,805	Andhra Pradesh	Telangana	Nov-2019	Sep - 23
	Establishment of 765/400 kV substations at Warangal (New) with 2X1500 MVA transformers and 2X240 MVAR bus reactors.	Adani		3,000				Nov-2019	Aug - 23
	Warora (Pool) – Warangal (New) 765 kV D/C line with 240 MVAR switchable line reactor at both ends	Adani	664					Nov-2019	Sep - 23
	Warangal (New) – Hyderabad 765 kV D/C line with 240 MVAR switchable line reactor at Warangal end of each circuit.	Adani	268					Nov-2019	Aug - 23
	Warangal (New) – Warangal (existing) 400 kV (quad) D/C line	Adani	95					Nov-2019	Jun - 23
	Hyderabad- Kurnol 765 kV D/C line with 240 MVAR switchable line reactor at KurNo.ol end of each circuit	Adani	337					Nov-2019	Jul - 23

Sl. No.	Name of the Trans line	Executing Agency	Length (CKM)	MVA	Cost	State-1	State-2	Schedule d COD-Original	Actual COD
	Warangal (New) – Chilakaluripeta 765 kV D/C line with 240 MVAR switchable line reactor at both ends of each circuit	Adani	390					Nov-2019	Sep - 23
47	Transmission System for Karur Pooling Station (at a location in between Karur Wind zone and Tiruppur wind zone) along with LILO of both circuits of Pugalur – Pugalur (HVDC) 400 kV D/C line (with Quad Moose ACSR Conductor) at Karur PS (CKM-17, MVA-1000)	Adani			216	Tamil nadu		Jul-2023	Oct - 23
	LILO of both circuits of Pugalur – Pugalur (HVDC) 400 kV D/C line at Karur PS	Adani	9					Jul-2023	Oct - 23
	2x500 MVA, 400/230 kV Karur	Adani		1,000				Jul-2023	Oct - 23
48	Transmission system strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase-II-Part A SPV Name: Ramgarh Transmission Limited (CKM-188, MVA-2000)	PGCIL			425	Rajasthan		Sep-2022	Dec - 23
	Fatehgarh-III (erstwhile Ramgarh-II) - Fatehgarh-II 400kV D/c line (Twin HTLS)	PGCIL	88			Rajasthan		Sep-2022	Dec - 23
	Fatehgarh-III (erstwhile Ramgarh-II)-Jaisalmer II (RVPNL) 400kV D/c line (Twin HTLS)	PGCIL	100			Rajasthan		Sep-2022	Sep - 23
	400/220kV Fatehgarh-III (erstwhile Ramgarh-II) PS(4x500 MVA Transformer & 2x125MVAR, 420kV Bus Reactor)	PGCIL		2,000		Rajasthan		Sep-2022	Dec - 23
49	Evacuation of power from RE sources in Koppal Wind Energy Zone (Karnataka) (2500MW) (CKM-276, MVA-2500)	Renew			697	Karnataka		Jun-2023	Jan - 24
	Koppal – Narendra (New) 400 kV D/c	Renew	276			Karnataka		Jun-2023	Oct - 23
	5x500MVA, 400/220 kV Koppal	Renew		2,500		Karnataka		Jun-2023	Jan - 24
50	Transmission scheme for evacuation of 3GW RE injection at Khavda P.S. under Phase-I (CKM-218, MVA-4500)	Adani			1,185	Gujarat		Jan-2024	Feb - 24
	Khavda PS (GIS) – Bhuj PS 765 kV D/c line	Adani	218			Gujarat		Jan-2024	Jan - 24
	3X1500 MVA 765/400 kV Khavda (GIS)	Adani		4,500		Gujarat		Jan-2024	Feb - 24

Sl. No.	Name of the Trans line	Executing Agency	Length (CKM)	MVA	Cost	State-1	State-2	Schedule d COD-Original	Actual COD
51	Transmission system for evacuation of power from Neemuch Solar Park (1000 MW): SPV Name: Neemuch Transmission Limited (NTL)	PGCIL			1,482	Madhya Pradesh	Rajasthan	Feb-2024	Mar - 24
	Neemuch PS – Chhittorgarh (PG) s/s 400 kV D/C line	PGCIL	233			Madhya Pradesh	Rajasthan	Feb-2024	Mar - 24
	Neemuch PS- Mandsaur s/s 400 kV D/C line	PGCIL	236			Madhya Pradesh	Rajasthan	Feb-2024	Mar - 24
	2x500 MVA, 400/220 kV Pooling Station (AIS) at Neemuch	PGCIL		1,000		Madhya Pradesh		Feb-2024	Mar - 24
52	Transmission System for evacuation of power from RE projects in Rajgarh (2500 MW) SEZ in Madhya Pradesh (CKM-288, MVA-1500)	GR Infra			464	Madhya Pradesh		Nov-2023	Mar - 24
	Pachora SEZ PP -Bhopal (Sterlite) 400 kV D/c line	GR Infra	288			Madhya Pradesh		Nov-2023	Mar - 24
	3x500MVA, 400/220 kV Pachora SEZ	GR Infra		1,500		Madhya Pradesh		Nov-2023	Mar - 24
53	Transmission System for evacuation of power from RE Projects in Osmanabad area (1 GW) in Maharashtra (CKM-68, MVA-1000)	Indigrd			200	Maharashtra		Jun-2023	Mar - 24
	LILo of both circuits of Parli(PG)-Pune(GIS) 400 Kv D/c line at Kallam PS	Indigrd	68			Maharashtra		Jun-2023	Mar - 24
	2X500 MVA, 400/220kV substation near Kallam PS	Indigrd		1,000		Maharashtra		Jun-2023	Mar - 24
	FY 2024-25								
54	Transmission system strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase-II-Part B SPV Name: POWERGRID Bhadla Transmission Ltd. (CKM-405)	PGCIL			1,106	Rajasthan		Dec-2022	Aug - 24
	Fatehgarh II- Bhadla II 765kV D/C Line (2nd)	PGCIL	405			Rajasthan		Dec-2022	Aug - 24

Sl. No.	Name of the Trans line	Executing Agency	Length (CKM)	MVA	Cost	State-1	State-2	Schedule d COD- Original	Actual COD
55	Transmission Scheme for Solar Energy Zone in Gadag (1000 MW), Karnataka – Part-A, Phase-I (CKM-93, MVA-1000) (SPV:Gadag Transmisison Ltd.)	Renew			365	Karnataka		Sep-2023	Sep - 24
	Gadag – Narendra (New) 400 kV D/c	Renew	187			Karnataka		Sep-2023	Sep - 24
	2x500MVA, 400/220 kV Gadag	Renew		1,000		Karnataka		Sep-2023	Sep - 24
56	Western Region Strengthening Scheme-XIX (WRSS-XIX) and North Eastern Region Strengthening Scheme-IX (NERSS-IX) (CKM-357, MVA-1000)	Sterlite			1,223	Gujarat	Maharashtra	Dec-2023	Sep - 24
	LILO of second circuit of Zerda –Ranchodpura 400 kV D/c line at Banaskantha (PG) PS	Sterlite	35			Gujarat		Oct-2022	Jun - 22
	LILO of KAPP – Vapi 400 kV D/c line at Vapi – II	Sterlite	0			Gujarat		Apr-2023	Sep - 24
	Padghe (PG) – Kharghar 400 kV D/c (quad) line	Sterlite	140			Maharashtra		Dec-2023	Sep - 24
	Vapi-II – Sayali D/C 220kV D/C line	Sterlite	45			Gujarat	DNH	Apr-2023	Sep - 24
	LILO of Padghe (PG) – Ghatkopar 400kV S/c line at Navi Mumbai GIS (PG)	Sterlite	38			Maharashtra		Dec-2023	Sep - 24
	LILO of Apta – Kalwa/Taloja 220 kV D/c line at Navi Mumbai (PG)	Sterlite	5			Maharashtra		Dec-2022	Oct - 24
	Pare HEP (NEEPCO) – North Lakhimpur (AEGCL) 132 kV D/c line	Sterlite	62			Assam	Arunachal Pradesh	Jun-2023	Aug - 23
	LILO of one circuit of Pare HEP – North Lakhimpur (AEGCL) 132kV D/c line at Nirjuli	Sterlite	33			Arunachal Pradesh		Jun-2023	Aug - 23
	2 x 500 MVA, 400/220 kV S/s near Vapi / Ambheti (Vapi – II)	Sterlite		1,000		Gujarat		Apr-2023	Sep - 24

Sl. No.	Name of the Trans line	Executi ng Agency	Length (CKM)	MVA	Cost	State-1	State-2	Schedule d COD- Original	Actual COD
57	Transmission system strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase-II- Part D SPV Name: POWERGRID Aligarh Sikar Transmission Ltd. (CKM-528)	PGCIL			1,516	Rajasthan	Uttar Pradesh	Dec-2022	Oct - 24
	Sikar II- Aligarh 765kV D/C Line	PGCIL	513			Rajasthan	Uttar Pradesh	Dec-2022	Oct - 24
58	Establishment of new 220/132kV substation at Nangalbibra (CKM-282, MVA-320)	Sterlite			604	Meghalaya	Assam	Dec-2023	Oct - 24
	220/132kV, 2x160MVA Nangalbibra	Sterlite		320		Meghalaya		Dec-2023	Oct - 24
	Bongaigaon – Nangalbibra 400kV D/c	Sterlite	246			Meghalaya	Assam	Dec-2023	Oct - 24
	Hatsinghmari – Ampati 132kV D/c	Sterlite	37			Assam	Meghalaya	Dec-2023	Sep - 24
59	Transmission system strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase-II- Part C SPV Name: POWERGRID Sikar Transmisison Ltd. (CKM-899, MVA-3000)	PGCIL			2,182	Rajasthan		Dec-2022	Dec - 24
	Bhadla II - Sikar II 765 kV D/C line	PGCIL	618			Rajasthan		Dec-2022	Dec - 24
	Sikar II - Neemrana 400kV D/c line (Twin HTLS)	PGCIL	270			Rajasthan		Dec-2022	Oct - 24
	765/400kV, 2x1500MVA Substation at Sikar - II	PGCIL		3,000		Rajasthan		Dec-2022	Dec - 24
60	WRES-XXVIII & WRES-XXIX SPV Name: POWERGRID Dharamjaigarh Transmission Ltd	PGCIL			308	Chhattisgarh		Mar-2025	Jan - 25
	Creation of 220 kV level with 2x500MVA, 400/220 kV at 765/400 kV Dharamjaigarh S/s (WRES-XXIX)	PGCIL		1,000		Chhattisgarh		Mar-2025	Jan - 25
	Creation of 220 kV level (GIS) with 3x500MVA, 400/220 kV at 765/400 kV Raipur Pool S/s (WRES-XVIII)	PGCIL		1,500		Chhattisgarh		Dec-2024	Dec - 24
61	WRES-XXVII SPV Name: POWERGRID Raipur Pool Dhamtari Transmission Limited (CKM-225)	PGCIL			260	Chhattisgarh		Sep-2024	Mar - 25
	Raipur Pool – Dhamtari 400 kV D/c line (Q)	PGCIL	176			Chhattisgarh		Sep-2024	Mar - 25
62	Transmission scheme for evacuation of 4.5 GW RE injection at Khavda P.S. under Phase-II – Part A (CKM-355, MVA-6000)	Adani			1,300	Gujarat		Mar-2025	Mar - 25
	KPS2(GIS)-Lakadia 765kV D/C line	Adani	355			Gujarat		Mar-2025	Mar - 25

Sl. No.	Name of the Trans line	Executing Agency	Length (CKM)	MVA	Cost	State-1	State-2	Schedule d COD-Original	Actual COD
	FY 2025-26								
63	Transmission scheme for injection beyond 3 GW RE power at Khavda PS1 (KPS1) (earlier Megha Engg.)	Adani			1,102	Gujarat		Feb-2025	Apr - 25
	Augmentation of Khavda PS1 by	Adani				Gujarat		Feb-2025	Apr - 25
	(a) 2X1500 MVA, 765/400kV ICT	Adani		3,000		Gujarat			
	(b) 2X1500 MVA, 765/400kV ICT	Adani		3,000		Gujarat			
	765kV D/C KPS1 to KPS2 GIS (to be established with bypassing of LILO of one ckt. of KPS1-Bhuj at KPS2 and utilisation of LILO section)	Adani	41			Gujarat		Feb-2025	Mar - 25