

Details of ISTS sub-stations planned for Bulk Consumers (including Green Hydrogen / Green Ammonia)

As on 28-02-2025

Sl.No.	Name of ISTS S/s	Region	Sub-station Coordinates	Tr. System, Connectivity and margin details at 765/400kV							Total planned line bays		Bays allocated / identified		Remarks
				Transmission System			Granted (MW)		Margins (MW)						
				S/s Capacity in MVA (with future Space Provision)	Existing Capacity (MW)	Approved / Under bidding / UC Capacity (MW)	Granted	Under process	On Existing / Approved / Under bidding / UC Capacity	Additional Margin with ICT Augmentation / additional Tr. System	400kV	220kV	400kV	220kV	
1	Paradeep	ER	Boundary Coordinates: 20° 13' 48.86" N 86° 27' 17.31" E 20° 14' 02.89" N 86° 27' 33.31" E 20° 14' 03.03" N 86° 27' 03.43" E 20° 14' 16.46" N 86° 27' 18.75" E	9000	-	3000	1182	0	1818	4500	14	12	6	0	ERES-XXXIV scheme has been awarded. 765/400kV level is being established with space for 400/220kV level.
2	Gopalpur	ER	Boundary Coordinates: 19° 23' 15.21" N 84° 56' 50.81" E 19° 23' 11.87" N 84° 57' 02.81" E 19° 22' 52.98" N 84° 56' 57.16" E 19° 22' 56.38" N 84° 56' 44.92" E	9000	-	3000	700	2182	118	4500	12	12	4	0	ERES-XXXIX scheme has been awarded. 765/400kV level is being established with space for 400/220kV level.
3	Navinal (Mundra) (GIS) S/s	WR	Boundary Coordinates: 22°50'47.99"N 69°35'27.83"E 22°50'51.77"N 69°35'43.11"E 22°50'26.32"N 69°35'48.61"E 22°50'26.96"N 69°35'32.75"E	9000	-	7500	3050	0	4450	0	14	0	4	0	Entire Capacity has been considered at 400kV level. However, space provision has been kept for 400/220kV ICTs. Scheme (for 4500MW drawal) is under implementation by Adani Energy Solutions Limited with SCOD as 14.07.2026. Scheme for balance 3000MW is also under implementation by Adani Energy Solutions Limited with SCOD of 20.03.2028.
4	Kandla (GIS) S/s	WR	Boundary Coordinates: 23° 9'45.30"N 70°14'1.79"E 23° 9'46.01"N 70°14'25.03"E 23° 9'30.03"N 70°14'25.72"E 23° 9'28.57"N 70°14'4.03"E	9000	-	3000	0	575	2425	4500	12	0	0	0	Entire Capacity has been considered at 400kV level. However, space provision has been kept for 400/220kV ICTs. Scheme is under bidding with schedule of 36 months from DoA.
5	Tuticorin GH S/s	SR	Boundary Coordinates: 8°52'25.66"N 77°58'3.50"E 8°52'12.78"N 77°58'18.85"E 8°52'23.36"N 77°58'29.25"E 8°52'36.70"N 77°58'12.53"E	9000	-	3000	2460	0	540	4500	16	-	3	-	Scheme is under bidding with schedule of 30 months from DoA
6	Kakinada GH S/s	SR	Boundary Coordinates: 17°10'17.92"N 82°10'52.38"E 17°10'18.05"N 82°11'7.95"E 17° 9'55.83"N 82°11'8.23"E 17° 9'56.29"N 82°10'51.54"E	9000	-	3000	2000	0	1000	4500	12	-	3	-	Scheme is under bidding with schedule of 24 months from DoA

Note: Unless indicated as "Final boundary coordinates", the coordinates above are as per survey report of BPC for respective TBCB project.