

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

As on 31-12-2024

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)		400kV	220kV	400kV	220kV	
				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					
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	425	1875	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 is under implementation by Adani Energy Solutions Limited with SCOD as 14.07.2026.
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	0	3000	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	0	2460	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	0	2000	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.