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

As on 31-07-2024

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)						
				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	432	0	2568	4500	14	12	4	0	ERES-XXXIV
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	0	2300	4500	12	12	4	0	ERES-XXXIX
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.
4	Kandla (GIS) S/s	WR	-	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.
5	Tuticorin GH S/s	SR	-	9000	-	3000	0	2460	540	4500	16	-	3	-	
6	Kakinada GH S/s	SR	-	9000	-	3000	0	2000	1000	4500	16	-	3	-	

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