

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

As on 31-10-2024

| 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:<br>20° 13' 48.86" N 86° 27' 17.31" E<br>20° 14' 02.89" N 86° 27' 33.31" E<br>20° 14' 03.03" N 86° 27' 03.43" E<br>20° 14' 16.46" N 86° 27' 18.75" E | 9000   | -                      | 3000  | 432          | 750           | 1818   | 4500  | 14                      | 12    | 6                           | 0     | ERES-XXXIV   |
| 2      | Gopalpur                   | ER     | Boundary Coordinates:<br>19° 23' 15.21" N 84° 56' 50.81" E<br>19° 23' 11.87" N 84° 57' 02.81" E<br>19° 22' 52.98" N 84° 56' 57.16" E<br>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:<br>22°50'47.99"N 69°35'27.83"E<br>22°50'51.77"N 69°35'43.11"E<br>22°50'26.32"N 69°35'48.61"E<br>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:<br>23° 9'45.30"N 70°14'1.79"E<br>23° 9'46.01"N 70°14'25.03"E<br>23° 9'30.03"N 70°14'25.72"E<br>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     | -   | 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     | -   | 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.