

3.1.12 Undertaking to Clear Services within the Substation Plot

The developer to submit an undertaking letter to clear / divert all services within the plot allocated for the 132/11 kV substation and the associated 132 kV and 11 kV corridors (if any), well in advance prior to the issuance of the Project Parameter Report (PPR) and also to bear all the associated costs by the developer.

3.1.13 Corridors

3.1.13.1 400kV Overhead Lines (OHL)

- 50m wide corridor (double circuit tower line).

3.1.13.2 132kV Underground Cables

- 2.5m wide corridor for each 132kV cable circuit.
- Minimum horizontal clearance between 132kV corridor and nearby pressure pipeline (100mm to 450mm Ø) shall be 1m (edge of the pipe to edge of the trough).
- Minimum horizontal clearance between 132kV corridor and nearby pressure pipeline (500mm to 1200mm Ø) shall be 3m (edge of the pipe to edge of the trough).
- Minimum gap of 2m shall be ensured between 132kV corridors and nearest foundation / permanent structure / plot boundary.
- 132kV cable under the dual carriageway is not acceptable. The surface above 132kV corridors shall be either soft landscaped or interlock tiled only.
- The developer to divert all the existing infrastructure services (if any) within the allocated 132kV corridors inside the project boundary and bear all the associated costs. Further, the project developer to level and free the allocated 132kV corridors from any obstacles (trees / structures).
- The 132kV duct bank arrangement for road crossing shall comply with DEWA standard (refer to [Annexure-7.6](#)).
- The developer to install all the 132kV ducts at site well in advance of any 132kV cable laying works at site and bear all the associated costs.

