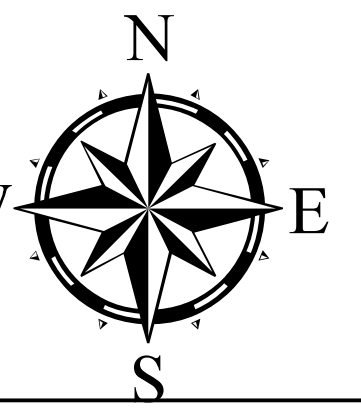
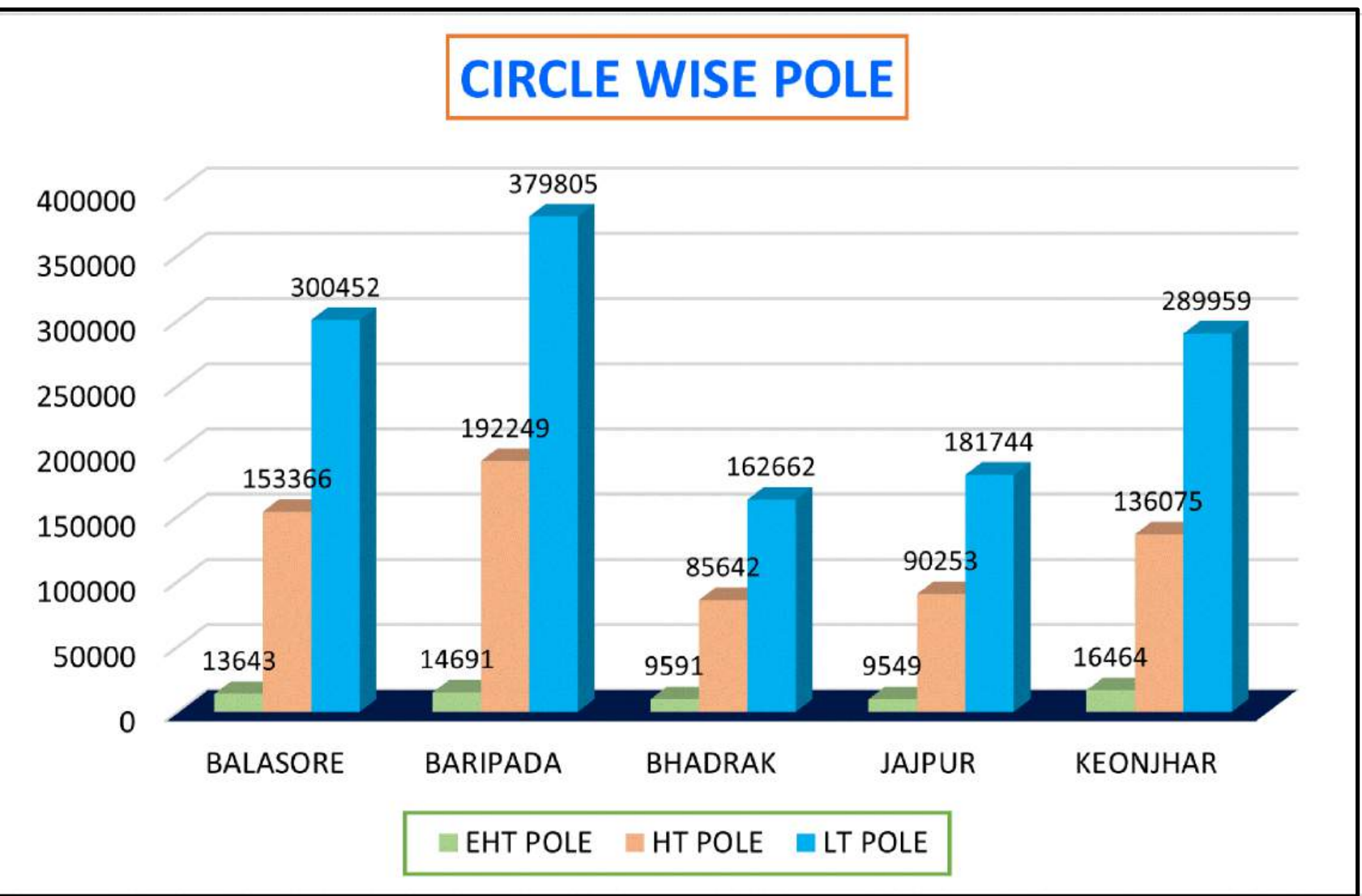
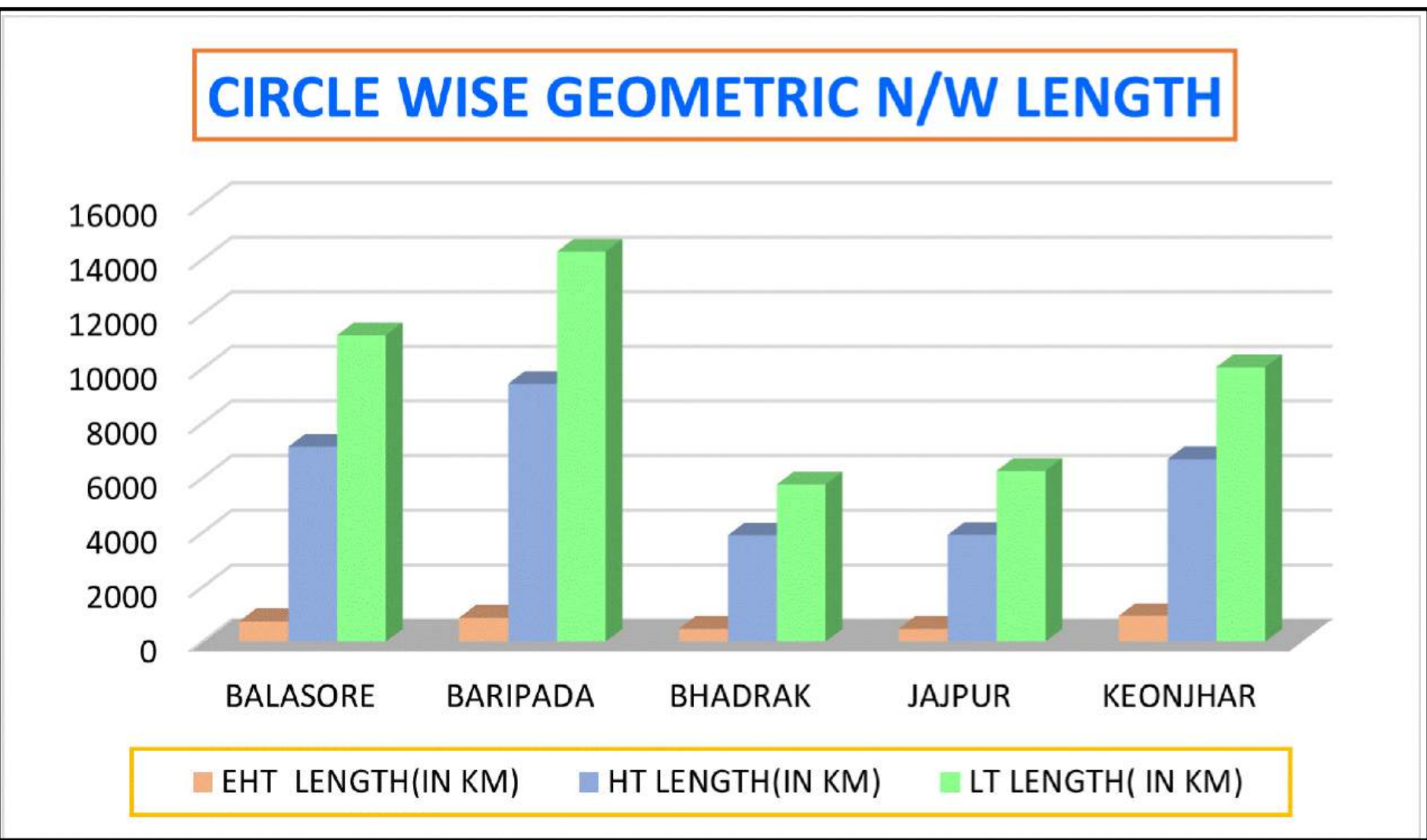
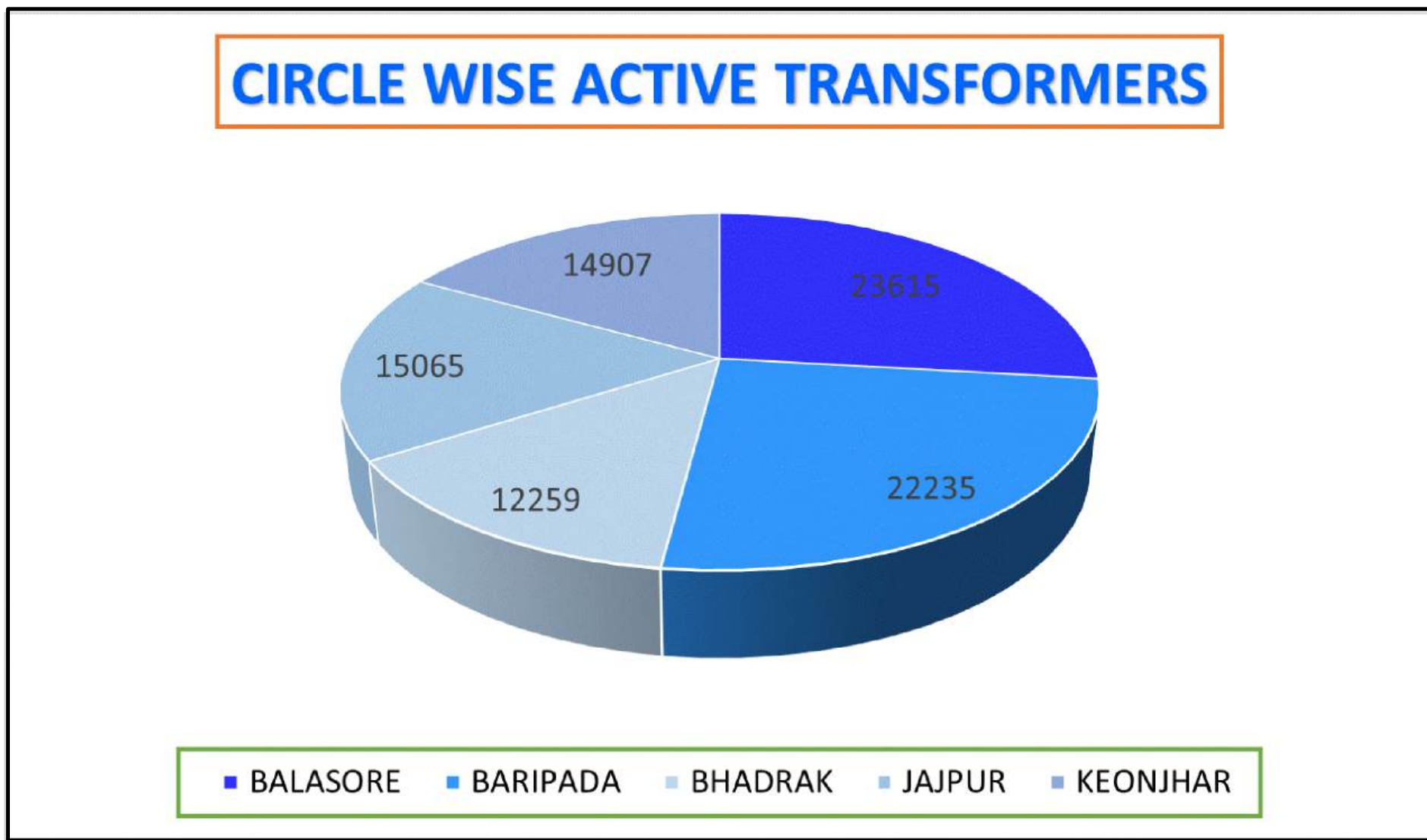
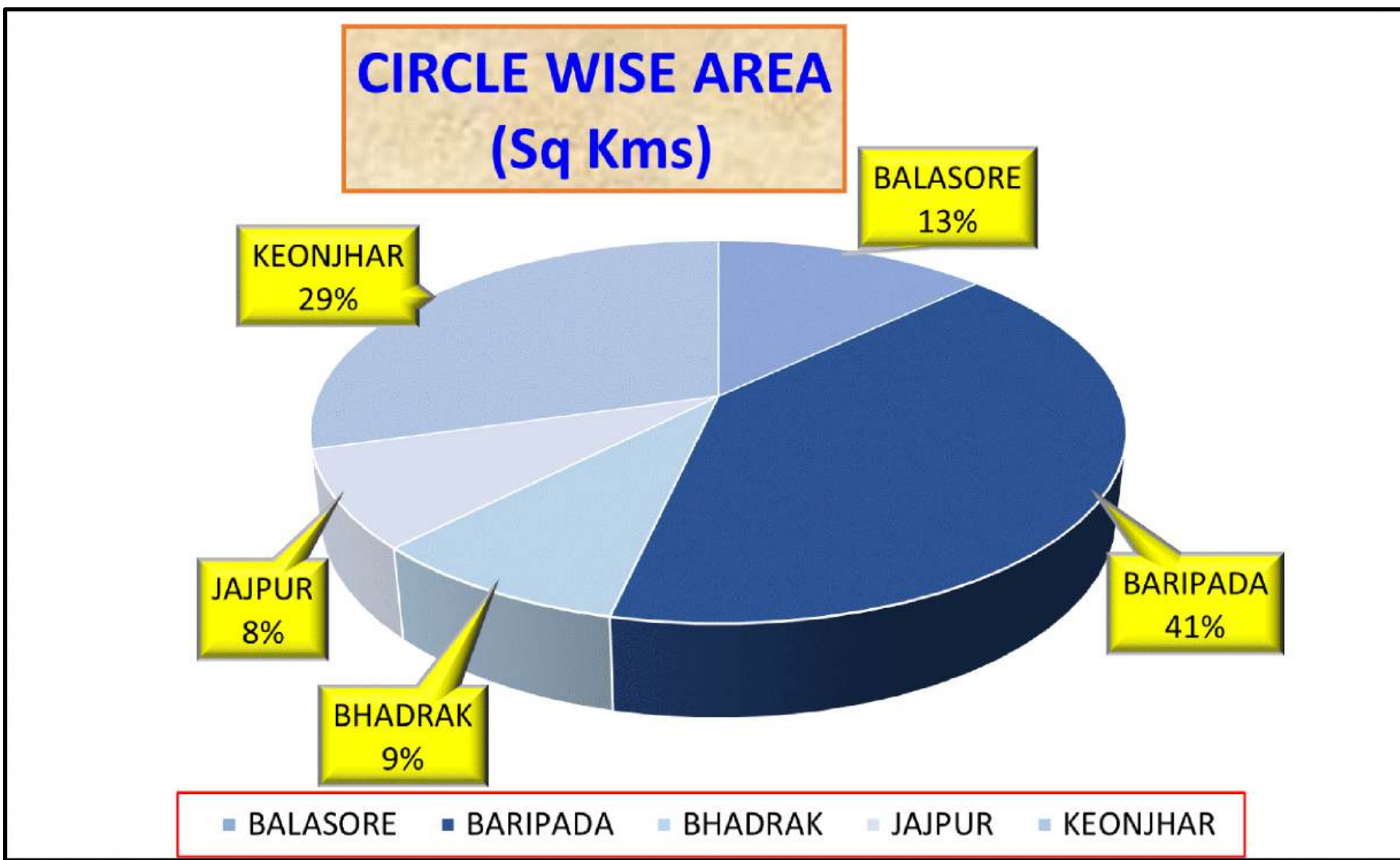
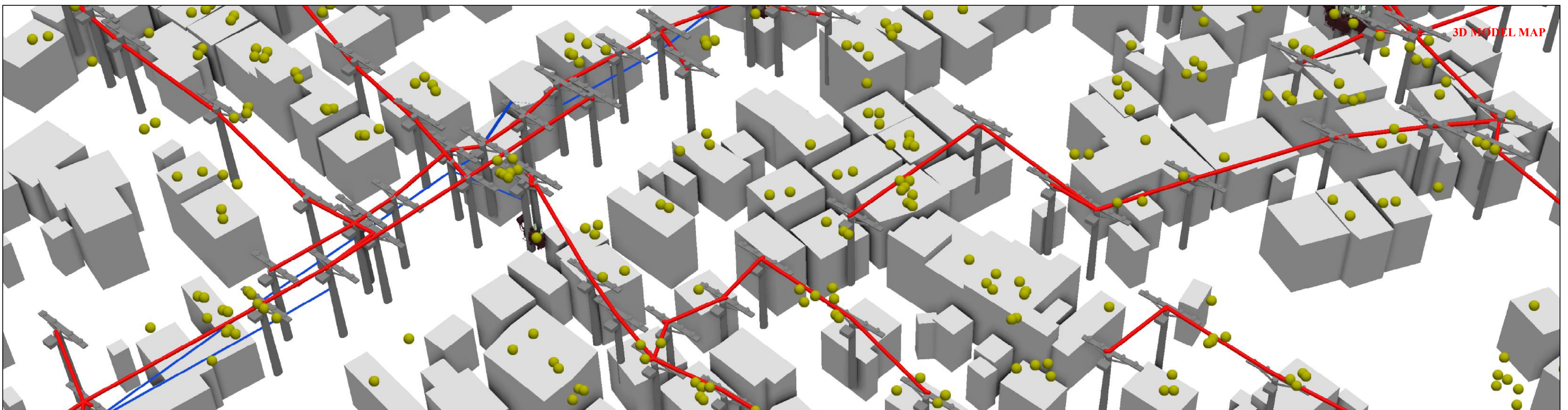
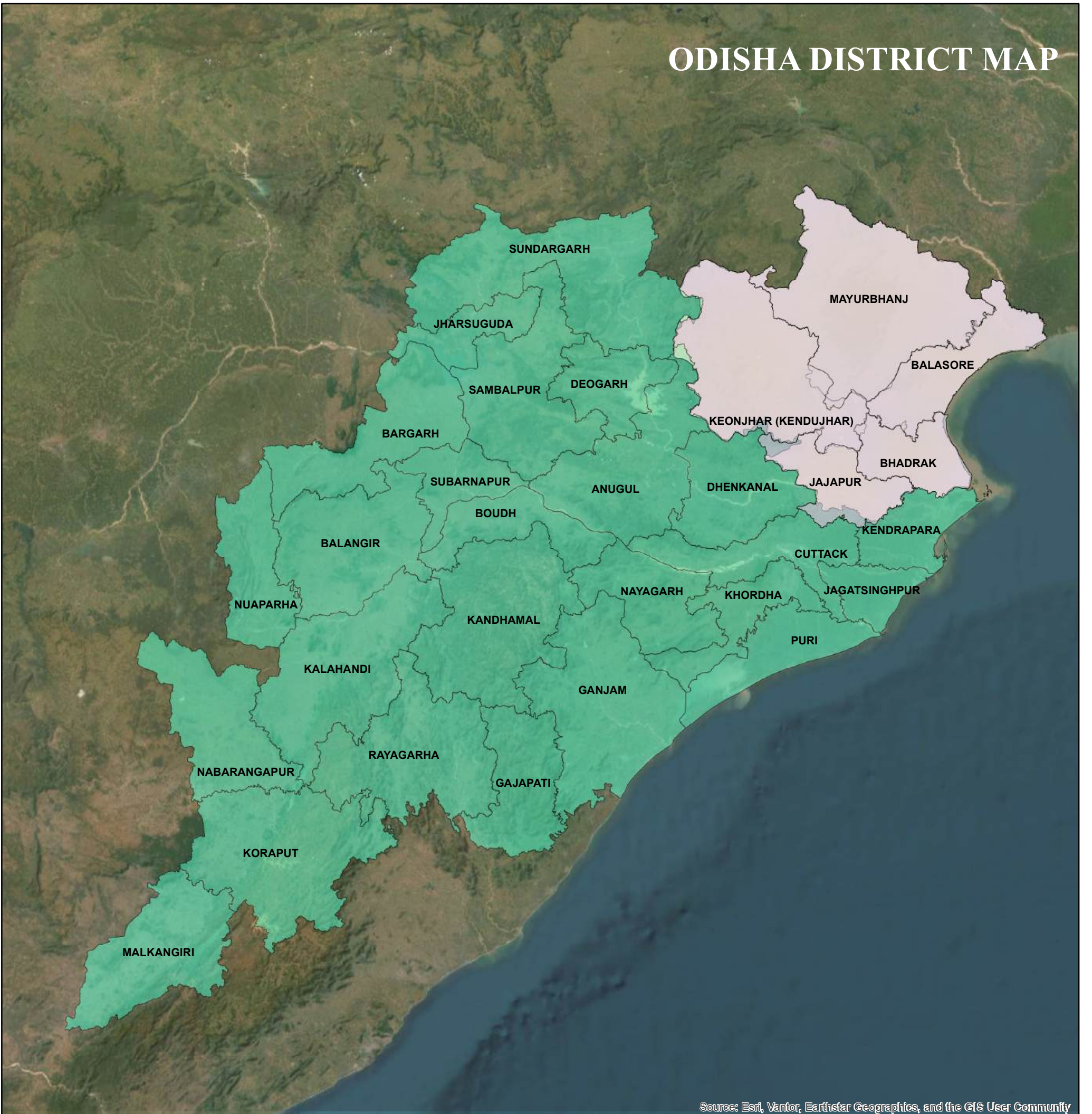
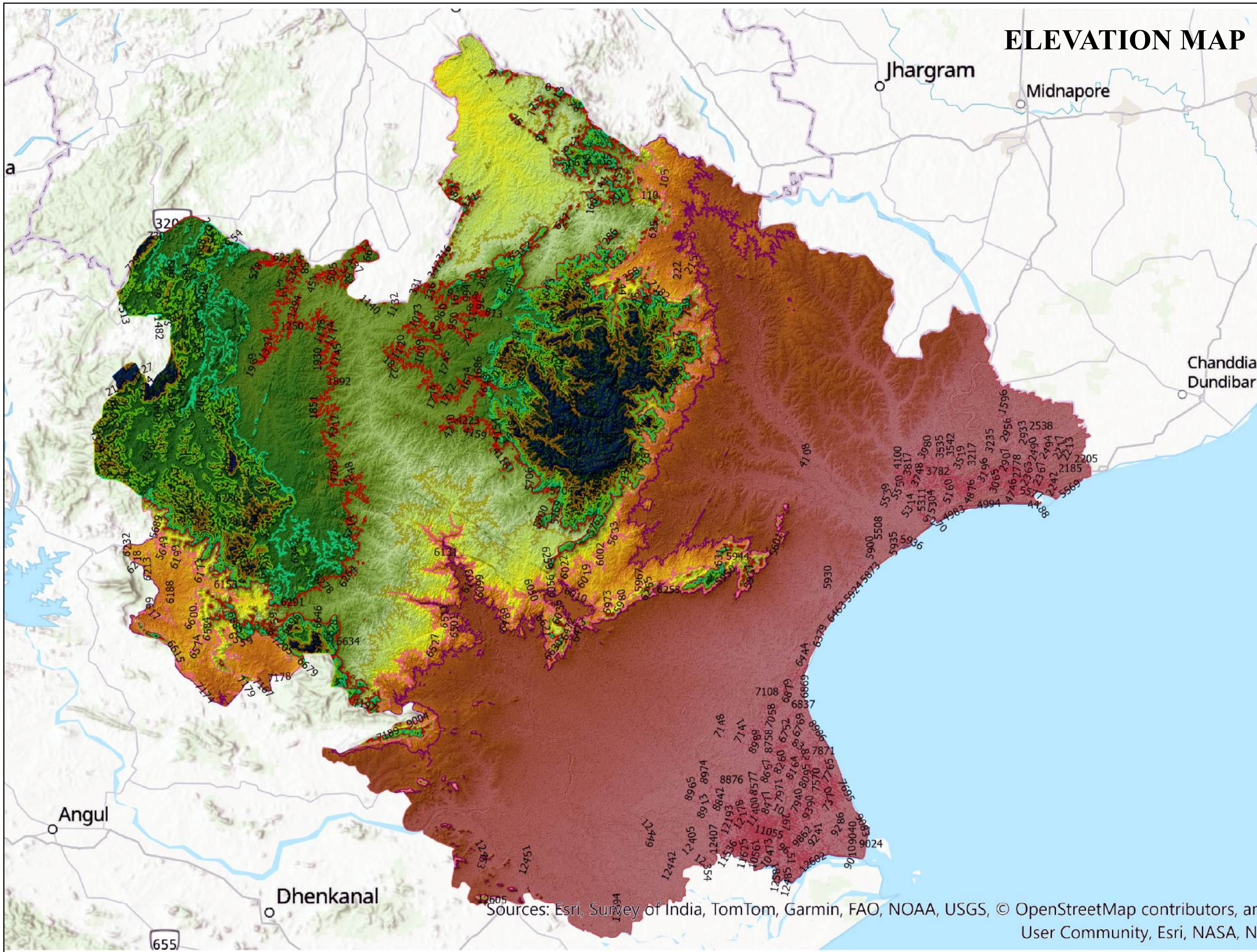




# TATA POWER NORTHERN ODISHA DISTRIBUTION LIMITED POWER MAP



**LEGEND**

**Circle**

BALASORE

BARIPADA

BHADRAK

JAJPUR

KEONJHAR

CIRCLE BOUNDARY

DISTRICT

CONSUMERS

GSS

PSS

33KV CABLE

33KV WIRE

CONTOUR LINE

0

200

400

600

800

1000

**BRIEF**

Power Map reflects the entire network supply AOI of TPNODL where Grid Stations connectivity to Primary Sub-Stations.

An Elevation Map has been generated through DEM analysis to find out the water flow patterns or water logging areas to plan accordingly.

A 3D model with Landbase digitized used to analyze for safety concerns by overlaying the Network over the model and re-route the path of network.

A repository of assets and track of historical changes are monitored through asset validations tool custom made.

| CIRCLE NAME | TOTAL AREA (Sq Kms) | DIVISION (Nos) | SUB-DIVISION (Nos) | SECTION (Nos) | TOTAL NO'S GSS & PSS |     | COUNT OF FEEDERS |       | TOTAL LIVE CONSUMER COUNT |       |       | CIRCLE WISE LENGTH (KM) |       |       | TRANSFORMER | POLE COUNT |        |         |
|-------------|---------------------|----------------|--------------------|---------------|----------------------|-----|------------------|-------|---------------------------|-------|-------|-------------------------|-------|-------|-------------|------------|--------|---------|
|             |                     |                |                    |               | GSS                  | PSS | 11 kV            | 33 kV | 1PH                       | 3PH   | HTEHT | EHT                     | HT    | LT    | ACTIVE      | EHT        | HT     | LT      |
| BALASORE    | 3610                | 5              | 13                 | 48            | 7                    | 71  | 238              | 39    | 546976                    | 19535 | 281   | 745                     | 7135  | 11219 | 23615       | 13643      | 153366 | 300452  |
| BARIPADA    | 11343               | 3              | 11                 | 34            | 8                    | 57  | 209              | 27    | 510386                    | 14165 | 133   | 878                     | 9441  | 14281 | 22235       | 14691      | 192249 | 379805  |
| BHADRAK     | 2457                | 2              | 8                  | 23            | 4                    | 40  | 157              | 14    | 302928                    | 6217  | 116   | 473                     | 3895  | 5754  | 12259       | 9591       | 85642  | 162662  |
| JAJPUR      | 2302                | 3              | 9                  | 29            | 5                    | 47  | 150              | 24    | 320970                    | 8929  | 182   | 472                     | 3911  | 6254  | 15065       | 9549       | 90253  | 181744  |
| KEONJHAR    | 8209                | 3              | 9                  | 26            | 10                   | 51  | 180              | 36    | 350784                    | 8735  | 227   | 943                     | 6681  | 10052 | 14907       | 16464      | 136075 | 289959  |
| TOTAL       | 27921               | 16             | 50                 | 160           | 34                   | 266 | 934              | 140   | 2032044                   | 57581 | 939   | 3511                    | 31063 | 47560 | 88081       | 63938      | 657585 | 1314622 |