

## Line Survey Report (11KV &amp; LT) -

TPNODL (LT & 11kv Network)

| Circle   | Pole Required along the Roads, Street, Field |       |       |       | Pole Required across the Road & Streets |      |       |       | Total Pole Required | UG Cable Requirement (Location) | Insulated Conductor Requirement-LT AB (KM) | Insulated Conductor Requirement-11Kv (Ckm) |
|----------|----------------------------------------------|-------|-------|-------|-----------------------------------------|------|-------|-------|---------------------|---------------------------------|--------------------------------------------|--------------------------------------------|
|          | 8Mtr                                         | 9Mtr  | 11Mtr | 13Mtr | 8Mtr                                    | 9Mtr | 11Mtr | 13Mtr |                     |                                 |                                            |                                            |
| Balasore | 0                                            | 10142 | 6692  | 0     | 0                                       | 0    | 9800  | 0     | 26634               | 29                              | 1002.28                                    | 86.65                                      |
| Bhadrak  | 0                                            | 2167  | 5198  | 0     | 0                                       | 0    | 9001  | 0     | 16366               | 3                               | 188.63                                     | 69.9                                       |
| Baripada | 0                                            | 10987 | 4704  | 0     | 0                                       | 0    | 2646  | 0     | 18337               | 15                              | 419.62                                     | 41.75                                      |
| Jajpur   | 0                                            | 6875  | 2517  | 0     | 0                                       | 0    | 2321  | 0     | 11713               | 12                              | 524.97                                     | 41.45                                      |
| Keonjhar | 0                                            | 3785  | 2243  | 0     | 0                                       | 0    | 2584  | 0     | 8612                | 38                              | 305.8                                      | 24.85                                      |
| G. Total | 0                                            | 33956 | 21354 | 0     | 0                                       | 0    | 26352 | 0     | 81662               | 97                              | 2441.3                                     | 264.6                                      |

## Line Survey Report (33KV) -

TPNODL (33 KV Networks)

| Circle   | Pole Required along the Roads, Street, Field (Nos) |       |       |       | Pole Required across the Road & Streets (Nos) |       |       | Total Pole Required (Nos) | UG Cable Requirement across the road/ street (Location) |      | Insulated Conductor Requirement urban-33Kv (Ckm) |
|----------|----------------------------------------------------|-------|-------|-------|-----------------------------------------------|-------|-------|---------------------------|---------------------------------------------------------|------|--------------------------------------------------|
|          | 9Mtr                                               | 11Mtr | 13Mtr | 14Mtr | 11Mtr                                         | 13Mtr | 14Mtr |                           | No. of Location                                         | (KM) |                                                  |
|          |                                                    |       |       |       |                                               |       |       |                           |                                                         |      |                                                  |
| Balasore | 0                                                  | 405   | 0     | 0     | 0                                             | 25    | 0     | 430                       | 2                                                       | 0.8  | 52                                               |
| Baripada | 0                                                  | 125   | 0     | 0     | 0                                             | 9     | 0     | 134                       | 1                                                       | 0.5  | 30                                               |
| Bhadrak  | 0                                                  | 198   | 0     | 0     | 0                                             | 8     | 0     | 206                       | 1                                                       | 0.2  | 5                                                |
| Jajpur   | 0                                                  | 167   | 0     | 0     | 0                                             | 13    | 0     | 180                       | 0                                                       | 0    | 6                                                |
| Keonjhar | 0                                                  | 1078  | 0     | 0     | 0                                             | 22    | 0     | 1100                      | 6                                                       | 1.25 | 3                                                |
| G. Total | 0                                                  | 1973  | 0     | 0     | 0                                             | 77    | 0     | 2050                      | 10                                                      | 2.75 | 96.00                                            |