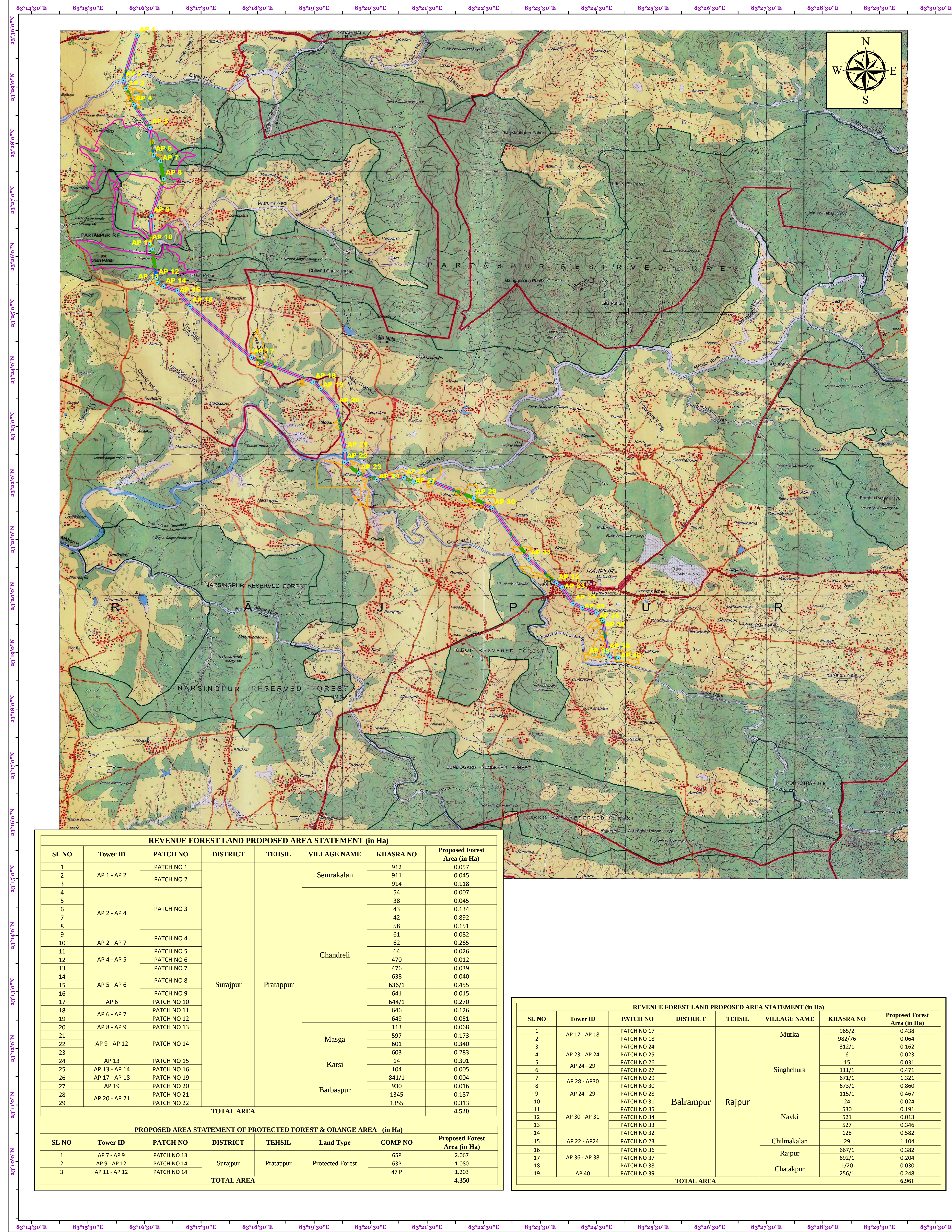


Map Showing Proposed Route of 132KV Transmission Line with Forest Boundary & DGPS Coordinates,District - Surajpur,Tehsil - Pratappur & District - Balrampur, Tehsil - Rajpur



DGPS COORDINATES OF TOWER CENTER LINE

| Sl. No | Pillar ID | Easting (m) | Northing (m) | Latitude "N"    | Longitude "E"   |
|--------|-----------|-------------|--------------|-----------------|-----------------|
| 1      | AP 1      | 732106.552  | 2600539.079  | 23°29'54.51800" | 83°16'22.39000" |
| 2      | AP 2      | 731704.852  | 2599069.602  | 23°29'06.97200" | 83°16'07.42000" |
| 3      | AP 3      | 731798.383  | 2598809.205  | 23°28'58.46800" | 83°16'10.57000" |
| 4      | AP 4      | 732036.013  | 2598286.566  | 23°28'41.36400" | 83°16'18.65000" |
| 5      | AP 5      | 732532.145  | 2597539.691  | 23°28'16.84100" | 83°16'35.71000" |
| 6      | AP 6      | 732653.768  | 2596654.217  | 23°27'48.00700" | 83°16'39.50000" |
| 7      | AP 7      | 732863.190  | 2596454.331  | 23°27'41.40400" | 83°16'46.79000" |
| 8      | AP 8      | 732970.248  | 2595871.731  | 23°27'22.41900" | 83°16'50.21000" |
| 9      | AP 9      | 732626.718  | 2594649.925  | 23°26'42.89600" | 83°16'37.43000" |
| 10     | AP 10     | 732595.317  | 2593761.330  | 23°26'14.03921" | 83°16'35.82932" |
| 11     | AP 11     | 732663.439  | 2593585.162  | 23°26'08.28000" | 83°16'38.13000" |
| 12     | AP 12     | 732807.587  | 2592640.925  | 23°25'37.52500" | 83°16'42.68000" |
| 13     | AP 13     | 732827.430  | 2592481.665  | 23°25'32.34000" | 83°16'43.29000" |
| 14     | AP 14     | 733025.120  | 2592371.664  | 23°25'28.66411" | 83°16'50.18968" |
| 15     | AP 15     | 733451.203  | 2592228.350  | 23°25'23.78806" | 83°17'05.11261" |
| 16     | AP 16     | 733836.524  | 2591726.780  | 23°25'07.29200" | 83°17'18.39958" |
| 17     | AP 17     | 735709.227  | 2590086.195  | 23°24'13.01540" | 83°18'29.41192" |
| 18     | AP 18     | 737588.501  | 2589454.356  | 23°23'47.02118" | 83°19'19.12941" |
| 19     | AP 19     | 737816.047  | 2589116.871  | 23°23'40.42023" | 83°19'37.03168" |
| 20     | AP 20     | 738308.777  | 2588525.006  | 23°23'20.93092" | 83°19'54.04007" |
| 21     | AP 21     | 738582.617  | 2587085.266  | 23°22'34.00739" | 83°20'02.85960" |
| 22     | AP 22     | 738576.545  | 2586715.984  | 23°22'22.01196" | 83°20'02.43570" |
| 23     | AP 23     | 739005.501  | 2586355.971  | 23°22'10.08897" | 83°20'17.32815" |
| 24     | AP 24     | 739556.463  | 2586175.040  | 23°22'03.91997" | 83°20'36.61607" |
| 25     | AP 25     | 740072.212  | 2586200.652  | 23°22'07.72899" | 83°21'05.83965" |
| 26     | AP 26     | 740371.989  | 2586235.833  | 23°22'05.46438" | 83°21'05.35312" |
| 27     | AP 27     | 740647.946  | 2586107.888  | 23°22'01.16115" | 83°21'14.99192" |
| 28     | AP 28     | 741196.012  | 2586132.535  | 23°22'01.67127" | 83°21'34.29488" |
| 29     | AP 29     | 742490.609  | 2585608.965  | 23°21'43.97074" | 83°22'19.55431" |
| 30     | AP 30     | 743058.052  | 2585282.476  | 23°21'33.05964" | 83°22'39.33491" |
| 31     | AP 31     | 744176.124  | 2583655.553  | 23°20'39.60057" | 83°23'17.73508" |
| 32     | AP 32     | 745030.332  | 2582867.146  | 23°20'13.52541" | 83°23'47.33243" |
| 33     | AP 33     | 745202.805  | 2582724.057  | 23°20'09.40207" | 83°23'53.32854" |
| 34     | AP 34     | 745538.692  | 2582133.058  | 23°19'51.99975" | 83°24'04.83695" |
| 35     | AP 35     | 745816.210  | 2582093.391  | 23°19'47.96190" | 83°24'14.53104" |
| 36     | AP 36     | 746261.431  | 2581916.479  | 23°19'41.97327" | 83°24'30.09170" |
| 37     | AP 37     | 746444.876  | 2581681.088  | 23°19'34.22607" | 83°24'43.87407" |
| 38     | AP 38     | 746602.184  | 2580634.098  | 23°19'00.12401" | 83°24'41.32807" |
| 39     | AP 39     | 746677.080  | 2580482.556  | 23°18'55.15982" | 83°24'43.87399" |
| 40     | AP 40     | 746936.751  | 2580454.785  | 23°18'54.11679" | 83°24'52.99271" |

DGPS SURVYED FOREST PATCH PILLAR POINTS

| Sl. No | Pillar ID | PATCH NO   | Easting (m) | Northing (m) | Latitude "N"    | Longitude "E"   |
|--------|-----------|------------|-------------|--------------|-----------------|-----------------|
| 1      | P 1       | PATCH NO 1 | 732106.552  | 2600539.079  | 23°29'54.51800" | 83°16'22.39000" |
| 2      | P 2       | PATCH NO 1 | 731704.852  | 2599069.602  | 23°29'06.97200" | 83°16'07.42000" |
| 3      | P 3       | PATCH NO 1 | 731798.383  | 2598809.205  | 23°28'58.46800" | 83°16'10.57000" |
| 4      | P 4       | PATCH NO 1 | 732036.013  | 2598286.566  | 23°28'41.36400" | 83°16'18.65000" |
| 5      | P 5       | PATCH NO 1 | 732532.145  | 2597539.691  | 23°28'16.84100" | 83°16'35.71000" |
| 6      | P 6       | PATCH NO 1 | 732653.768  | 2596654.217  | 23°27'48.00700" | 83°16'39.50000" |
| 7      | P 7       | PATCH NO 1 | 732863.190  | 2596454.331  | 23°27'41.40400" | 83°16'46.79000" |
| 8      | P 8       | PATCH NO 1 | 732970.248  | 2595871.731  | 23°27'22.41900" | 83°16'50.21000" |
| 9      | P 9       | PATCH NO 1 | 732626.718  | 2594649.925  | 23°26'42.89600" | 83°16'37.43000" |
| 10     | P 10      | PATCH NO 1 | 732595.317  | 2593761.330  | 23°26'14.03921" | 83°16'35.82932" |
| 11     | P 11      | PATCH NO 1 | 732663.439  | 2593585.162  | 23°26'08.28000" | 83°16'38.13000" |
| 12     | P 12      | PATCH NO 1 | 732807.587  | 2592640.925  | 23°25'37.52500" | 83°16'42.68000" |
| 13     | P 13      | PATCH NO 1 | 732827.430  | 2592481.665  | 23°25'32.34000" | 83°16'43.29000" |
| 14     | P 14      | PATCH NO 1 | 733025.120  | 2592371.664  | 23°25'28.66411" | 83°16'50.18968" |
| 15     | P 15      | PATCH NO 1 | 733451.203  | 2592228.350  | 23°25'23.78806" | 83°17'05.11261" |
| 16     | P 16      | PATCH NO 1 | 733836.524  | 2591726.780  | 23°25'07.29200" | 83°17'18.39958" |
| 17     | P 17      | PATCH NO 1 | 735709.227  | 2590086.195  | 23°24'13.01540" | 83°18'29.41192" |
| 18     | P 18      | PATCH NO 1 | 737588.501  | 2589454.356  | 23°23'47.02118" | 83°19'19.12941" |
| 19     | P 19      | PATCH NO 1 | 737816.047  | 2589116.871  | 23°23'40.42023" | 83°19'37.03168" |
| 20     | P 20      | PATCH NO 1 | 738308.777  | 2588525.006  | 23°23'20.93092" | 83°19'54.04007" |
| 21     | P 21      | PATCH NO 1 | 738582.617  | 2587085.266  | 23°22'34.00739" | 83°20'02.85960" |
| 22     | P 22      | PATCH NO 1 | 738576.545  | 2586715.984  | 23°22'22.01196" | 83°20'02.43570" |
| 23     | P 23      | PATCH NO 1 | 739005.501  | 2586355.971  | 23°22'10.08897" | 83°20'17.32815" |
| 24     | P 24      | PATCH NO 1 | 739556.463  | 2586175.040  | 23°22'03.91997" | 83°20'36.61607" |
| 25     | P 25      | PATCH NO 1 | 740072.212  | 2586200.652  | 23°22'07.72899" | 83°21'05.83965" |
| 26     | P 26      | PATCH NO 1 | 740371.989  | 2586235.833  | 23°22'05.46438" | 83°21'05.35312" |
| 27     | P 27      | PATCH NO 1 | 740647.946  | 2586107.888  | 23°22'01.16115" | 83°21'14.99192" |
| 28     | P 28      | PATCH NO 1 | 741196.012  | 2586132.535  | 23°22'01.67127" | 83°21'34.29488" |
| 29     | P 29      | PATCH NO 1 | 742490.609  | 2585608.965  | 23°21'43.97074" | 83°22'19.55431" |
| 30     | P 30      | PATCH NO 1 | 743058.052  | 2585282.476  | 23°21'33.05964" | 83°22'39.33491" |
| 31     | P 31      | PATCH NO 1 | 744176.124  | 2583655.553  | 23°20'39.60057" | 83°23'17.73508" |
| 32     | P 32      | PATCH NO 1 | 745030.332  | 2582867.146  | 23°20'13.52541" | 83°23'47.33243" |
| 33     | P 33      | PATCH NO 1 | 745202.805  | 2582724.057  | 23°20'09.40207" | 83°23'53.32854" |
| 34     | P 34      | PATCH NO 1 | 745538.692  | 2582133.058  | 23°19'51.99975" | 83°24'04.83695" |
| 35     | P 35      | PATCH NO 1 | 745816.210  | 2582093.391  | 23°19'47.96190" | 83°24'14.53104" |
| 36     | P 36      | PATCH NO 1 | 746261.431  | 2581916.479  | 23°19'41.97327" | 83°24'30.09170" |
| 37     | P 37      | PATCH NO 1 | 746444.876  | 2581681.088  | 23°19'34.22607" | 83°24'43.87407" |
| 38     | P 38      | PATCH NO 1 | 746602.184  | 2580634.098  | 23°19'00.12401" | 83°24'41.32807" |
| 39     | P 39      | PATCH NO 1 | 746677.080  | 2580482.556  | 23°18'55.15982" | 83°24'43.87399" |
| 40     | P 40      | PATCH NO 1 | 746936.751  | 2580454.785  | 23°18'54.11679" | 83°24'52.99271" |

Legend

- TOWER Center Line DGPS Points
- Forest Patch DGPS Points
- Tower Center Line Surajpur District
- Tower Center Line for Balrampur District
- Transmission Line Corridor
- Forest Area
- Non Forest Area
- Revenue Forest Khasra Boundary
- Protected Forest Compartment Boundary

| REVENUE FOREST LAND PROPOSED AREA STATEMENT (in Ha) |               |             |          |           |               |                              |
|-----------------------------------------------------|---------------|-------------|----------|-----------|---------------|------------------------------|
| SL NO                                               | Tower ID      | PATCH NO    | DISTRICT | TEHSIL    | VILLAGE NAME  | Proposed Forest Area (in Ha) |
| 1                                                   | AP 1 - AP 2   | PATCH NO 1  | Surajpur | Pratappur | Semrakalan    | 912                          |
| 2                                                   |               | PATCH NO 2  |          |           |               | 0.057                        |
| 3                                                   |               |             |          |           |               | 911                          |
| 4                                                   |               |             |          |           |               | 914                          |
| 5                                                   |               |             |          |           |               | 54                           |
| 6                                                   | AP 2 - AP 4   | PATCH NO 3  |          |           |               | 38                           |
| 7                                                   |               |             |          |           |               | 43                           |
| 8                                                   |               |             |          |           |               | 42                           |
| 9                                                   |               |             |          |           |               | 58                           |
| 10                                                  |               |             |          |           |               | 61                           |
| 11                                                  | AP 2 - AP 7   | PATCH NO 4  |          |           | 62            |                              |
| 12                                                  | AP 4 - AP 5   | PATCH NO 5  |          |           | 64            |                              |
| 13                                                  |               | PATCH NO 6  |          |           | 470           |                              |
| 14                                                  |               | PATCH NO 7  |          |           | 476           |                              |
| 15                                                  |               | PATCH NO 8  |          |           | 638           |                              |
| 16                                                  |               | AP 5 - AP 6 |          |           | 636/1         |                              |
| 17                                                  | AP 6          | PATCH NO 9  |          |           | 641           |                              |
| 18                                                  |               | PATCH NO 10 |          |           | 644/1         |                              |
| 19                                                  |               | PATCH NO 11 |          |           | 646           |                              |
| 20                                                  |               | PATCH NO 12 |          |           | 649           |                              |
| 21                                                  |               | PATCH NO 13 |          |           | 113           |                              |
| 22                                                  | AP 9 - AP 12  | PATCH NO 14 |          |           |               | 597                          |
| 23                                                  |               |             |          |           |               | 601                          |
| 24                                                  |               |             |          |           |               | 603                          |
| 25                                                  |               |             |          |           | AP 13         | 14                           |
| 26                                                  |               |             |          |           | AP 13 - AP 14 | PATCH NO 16                  |
| 27                                                  | AP 17 - AP 18 | PATCH NO 19 |          |           | 843/1/1       |                              |
| 28                                                  | AP 19         | PATCH NO 20 |          |           | 930           |                              |
| 29                                                  | AP 20 - AP 21 | PATCH NO 21 |          |           | 1345          |                              |
|                                                     |               | PATCH NO 22 |          |           | 1355          |                              |
| TOTAL AREA                                          |               |             |          |           |               | 4.520                        |

| PROPOSED AREA STATEMENT OF PROTECTED FOREST & ORANGE AREA (in Ha) |               |             |          |           |                  |                              |
|-------------------------------------------------------------------|---------------|-------------|----------|-----------|------------------|------------------------------|
| SL NO                                                             | Tower ID      | PATCH NO    | DISTRICT | TEHSIL    | Land Type        | Proposed Forest Area (in Ha) |
| 1                                                                 | AP 7 - AP 9   | PATCH NO 13 | Surajpur | Pratappur | Protected Forest | 65P                          |
| 2                                                                 | AP 9 - AP 12  | PATCH NO 14 |          |           |                  | 2.067                        |
|                                                                   |               |             |          |           |                  | 63P                          |
| 3                                                                 | AP 11 - AP 12 | PATCH NO 14 |          |           |                  | 1.080                        |
|                                                                   |               |             |          |           |                  | 1.203                        |
| TOTAL AREA                                                        |               |             |          |           |                  | 4.350                        |

| REVENUE FOREST LAND PROPOSED AREA STATEMENT (in Ha) |               |             |           |        |              |                              |       |
|-----------------------------------------------------|---------------|-------------|-----------|--------|--------------|------------------------------|-------|
| SL NO                                               | Tower ID      | PATCH NO    | DISTRICT  | TEHSIL | VILLAGE NAME | Proposed Forest Area (in Ha) |       |
| 1                                                   | AP 17 - AP 18 | PATCH NO 17 | Balrampur | Rajpur | Murka        | 962/2                        |       |
| 2                                                   |               | PATCH NO 18 |           |        |              | 982/76                       |       |
| 3                                                   |               | PATCH NO 24 |           |        |              | 312/1                        |       |
| 4                                                   | AP 23 - AP 24 | PATCH NO 25 |           |        | 6            |                              |       |
| 5                                                   |               | PATCH NO 26 |           |        | 15           |                              |       |
| 6                                                   |               | PATCH NO 27 |           |        | 111/1        |                              |       |
| 7                                                   | AP 28 - AP30  | PATCH NO 29 |           |        | 671/1        |                              |       |
| 8                                                   |               | PATCH NO 30 |           |        | 673/1        |                              |       |
| 9                                                   |               | PATCH NO 28 |           |        | 115/1        |                              |       |
| 10                                                  | AP 24 - 29    | PATCH NO 31 |           |        | 24           |                              |       |
| 11                                                  |               | PATCH NO 35 |           |        | 530          |                              |       |
| 12                                                  |               | PATCH NO 34 |           |        | 521          |                              |       |
| 13                                                  | AP 30 - AP 31 | PATCH NO 33 |           |        | 527          |                              |       |
| 14                                                  |               | PATCH NO 32 |           |        | 128          |                              |       |
| 15                                                  |               | PATCH NO 23 |           |        | 29           |                              |       |
| 16                                                  | AP 22 - AP 24 | PATCH NO 36 |           |        | Chilmakalan  | Rajpur                       | 667/2 |
| 17                                                  |               | PATCH NO 37 |           |        |              |                              | 692/1 |
| 18                                                  |               | PATCH NO 38 |           |        |              |                              | 1/20  |
| 19                                                  | AP 40         | PATCH NO 39 |           |        | Chatakpur    | 256/1                        |       |
|                                                     |               |             |           |        |              |                              |       |
| TOTAL AREA                                          |               |             |           |        |              | 6.961                        |       |

| Summary of Revenue Forest Land & Protected Forest of Surajpur & Balrampur District |              |                                   |                      |                    |                              |                         |
|------------------------------------------------------------------------------------|--------------|-----------------------------------|----------------------|--------------------|------------------------------|-------------------------|
| SL NO                                                                              | Tower ID     | Transmission line Length (in km.) | DISTRICT             | Land Type          | Proposed Forest Area (in Ha) | Non Forest Area (in Ha) |
| 1                                                                                  | AP 1 - AP 40 | 28.67                             | Surajpur & Balrampur | Revenue ForestLand | 11.481                       | 61.578                  |
| 2                                                                                  |              |                                   |                      | Protected Forest   | 4.350                        |                         |
| TOTAL AREA                                                                         |              |                                   |                      |                    | 15.831                       | 61.578                  |