

INDEX MAP SHOWING FOREST AREA PROPOSED TO BE DIVERTED IN 220 KV TRANSMISSION LINE FROM EXISTING 220/132/33KV GRID SUBSTATION AT SADEIPALI, BOLANGIR TO PROPOSED 220/132 KV GRID SUB-STATION AT KESINGA UNDER BOLANGIR FOREST DIVISION IN BOLANGIR DISTRICT.

| Sl. No. | Point Name | Latitude          | Longitude         | Easting    | Northing    |
|---------|------------|-------------------|-------------------|------------|-------------|
| 1       | 101        | 20° 22' 18.3200"N | 83° 20' 00.0000"E | 750000.000 | 2280000.000 |
| 2       | 102        | 20° 22' 17.7725"N | 83° 20' 00.0000"E | 750000.000 | 2280000.000 |
| 3       | 103        | 20° 22' 17.7725"N | 83° 20' 00.0000"E | 750000.000 | 2280000.000 |
| 4       | 104        | 20° 22' 17.7725"N | 83° 20' 00.0000"E | 750000.000 | 2280000.000 |
| 5       | 105        | 20° 22' 17.7725"N | 83° 20' 00.0000"E | 750000.000 | 2280000.000 |
| 6       | 106        | 20° 22' 17.7725"N | 83° 20' 00.0000"E | 750000.000 | 2280000.000 |
| 7       | 107        | 20° 22' 17.7725"N | 83° 20' 00.0000"E | 750000.000 | 2280000.000 |
| 8       | 108        | 20° 22' 17.7725"N | 83° 20' 00.0000"E | 750000.000 | 2280000.000 |
| 9       | 109        | 20° 22' 17.7725"N | 83° 20' 00.0000"E | 750000.000 | 2280000.000 |
| 10      | 110        | 20° 22' 17.7725"N | 83° 20' 00.0000"E | 750000.000 | 2280000.000 |

| Sl. No. | Point Name | Latitude           | Longitude          | Easting    | Northing    |
|---------|------------|--------------------|--------------------|------------|-------------|
| 1       | RF-5       | 20° 36' 28.06380"N | 83° 30' 16.68816"E | 761040.684 | 2280751.367 |
| 2       | RF-6       | 20° 36' 28.03914"N | 83° 30' 17.95834"E | 761077.486 | 2280751.174 |
| 3       | RF-11      | 20° 36' 11.05950"N | 83° 30' 20.36808"E | 761155.328 | 2280229.9   |
| 4       | RF-1       | 20° 36' 35.20521"N | 83° 30' 20.40211"E | 761144.874 | 2280972.716 |
| 5       | RF-2       | 20° 36' 37.31349"N | 83° 30' 19.90561"E | 761129.494 | 2281037.352 |
| 6       | RF-3       | 20° 36' 26.41733"N | 83° 30' 18.27323"E | 761087.375 | 2280701.422 |
| 7       | RF-4       | 20° 36' 25.89636"N | 83° 30' 17.11981"E | 761054.213 | 2280684.881 |
| 8       | RF-7       | 20° 36' 18.87726"N | 83° 30' 18.33951"E | 761092.393 | 2280500.278 |
| 9       | RF-8       | 20° 36' 16.85133"N | 83° 30' 19.57866"E | 761128.376 | 2280494.9   |
| 10      | RF-9       | 20° 36' 10.73455"N | 83° 30' 20.87054"E | 761170.036 | 2280200.127 |
| 11      | RF-10      | 20° 36' 11.42901"N | 83° 30' 19.89494"E | 761141.448 | 2280241.056 |
| 12      | RF-13      | 20° 36' 18.30507"N | 83° 30' 19.18267"E | 761117.56  | 2280452.269 |
| 13      | RF-12      | 20° 36' 18.51983"N | 83° 30' 20.08596"E | 761143.622 | 2280459.278 |

| Sl. No. | Point Name | Latitude           | Longitude          | Easting    | Northing    |
|---------|------------|--------------------|--------------------|------------|-------------|
| 1       | 153        | 20° 44' 17.94151"N | 83° 29' 33.50092"E | 759667.626 | 2295187.121 |
| 2       | C-26       | 20° 44' 15.35535"N | 83° 29' 31.61041"E | 759514.271 | 2295103.092 |
| 3       | C-27       | 20° 44' 15.76188"N | 83° 29' 32.75323"E | 759547.022 | 2295175.729 |
| 4       | 185        | 20° 38' 20.81080"N | 83° 30' 53.16210"E | 762043.49  | 2284236.16  |
| 5       | 186        | 20° 37' 47.22946"N | 83° 30' 53.02407"E | 761676.031 | 2283209.444 |
| 6       | 187        | 20° 37' 46.94968"N | 83° 30' 53.02407"E | 761676.031 | 2283209.444 |
| 7       | 140        | 20° 30' 05.58657"N | 83° 23' 56.44667"E | 760022.342 | 2268695.377 |
| 8       | 141        | 20° 29' 49.21657"N | 83° 23' 52.79741"E | 750012.076 | 2268314.784 |
| 9       | 114        | 20° 28' 27.81845"N | 83° 17' 28.36501"E | 739252.352 | 2247195.88  |
| 10      | 189        | 20° 19' 49.67992"N | 83° 18' 02.15709"E | 740187.799 | 2249727.507 |
| 11      | C-35       | 20° 37' 32.98488"N | 83° 30' 23.84987"E | 761211.391 | 2282751.644 |
| 12      | C-36       | 20° 37' 05.84924"N | 83° 30' 24.97217"E | 761262.711 | 2281917.468 |
| 13      | C-37       | 20° 37' 17.39484"N | 83° 30' 26.54799"E | 761302.874 | 2282273.354 |
| 14      | C-51       | 20° 36' 56.54385"N | 83° 30' 26.68790"E | 761315.86  | 2281894.112 |
| 15      | C-54       | 20° 36' 00.13817"N | 83° 30' 13.51047"E | 760832.897 | 2278899.267 |
| 16      | C-55       | 20° 35' 25.06547"N | 83° 29' 32.83021"E | 759800.031 | 2278793.835 |
| 17      | RF-6       | 20° 36' 36.34025"N | 83° 30' 20.17733"E | 761137.831 | 2281007.534 |
| 18      | RF-12      | 20° 36' 28.01614"N | 83° 30' 17.31289"E | 761068.785 | 2280751.271 |
| 19      | RF-15      | 20° 36' 11.05950"N | 83° 30' 20.36808"E | 761155.328 | 2280229.9   |
| 20      | RF-14      | 20° 36' 19.80606"N | 83° 30' 18.94735"E | 761103.033 | 2280459.339 |
| 21      | C-21       | 20° 44' 17.28454"N | 83° 29' 11.45809"E | 758803.023 | 2295157.09  |
| 22      | C-22       | 20° 44' 09.42398"N | 83° 29' 11.72867"E | 759115.211 | 2294918.125 |
| 23      | C-23       | 20° 44' 09.42398"N | 83° 29' 11.72867"E | 759115.211 | 2294918.125 |
| 24      | C-24       | 20° 44' 17.45535"N | 83° 29' 23.98825"E | 759272.767 | 2295173.774 |
| 25      | C-25       | 20° 44' 17.45535"N | 83° 29' 23.98825"E | 759272.767 | 2295173.774 |
| 26      | C-29       | 20° 44' 13.41542"N | 83° 29' 35.20126"E | 759618.981 | 2295048.692 |
| 27      | C-30       | 20° 44' 11.76088"N | 83° 29' 35.45509"E | 759627.111 | 2294997.856 |
| 28      | C-31       | 20° 44' 11.76088"N | 83° 29' 35.45509"E | 759627.111 | 2294997.856 |
| 29      | C-32       | 20° 44' 15.40110"N | 83° 29' 43.26380"E | 759851.368 | 2295113.327 |
| 30      | C-33       | 20° 44' 15.40110"N | 83° 29' 43.26380"E | 759851.368 | 2295113.327 |
| 31      | C-34       | 20° 44' 15.40110"N | 83° 29' 43.26380"E | 759851.368 | 2295113.327 |
| 32      | C-43       | 20° 43' 22.31504"N | 83° 30' 53.26514"E | 761002.065 | 2293811.581 |
| 33      | C-44       | 20° 43' 22.31504"N | 83° 30' 53.26514"E | 761002.065 | 2293811.581 |
| 34      | C-45       | 20° 42' 48.94101"N | 83° 28' 14.75232"E | 762528.801 | 2294984.283 |
| 35      | C-46       | 20° 42' 48.94101"N | 83° 28' 14.75232"E | 762528.801 | 2294984.283 |
| 36      | C-47       | 20° 42' 27.74525"N | 83° 31' 12.29541"E | 762508.497 | 2291840.878 |
| 37      | C-4        | 20° 33' 35.46138"N | 83° 29' 15.80497"E | 759358.467 | 2273405.334 |
| 38      | C-6        | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 39      | C-7        | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 40      | C-8        | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 41      | C-9        | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 42      | C-10       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 43      | C-11       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 44      | C-12       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 45      | C-13       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 46      | C-14       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 47      | C-15       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 48      | C-16       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 49      | C-17       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 50      | C-18       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 51      | C-19       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 52      | C-20       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 53      | C-21       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 54      | C-22       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 55      | C-23       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 56      | C-24       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 57      | C-25       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 58      | C-26       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 59      | C-27       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 60      | C-28       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 61      | C-29       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 62      | C-30       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 63      | C-31       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 64      | C-32       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 65      | C-33       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 66      | C-34       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 67      | C-35       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 68      | C-36       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 69      | C-37       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 70      | C-38       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 71      | C-39       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 72      | C-40       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 73      | C-41       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 74      | C-42       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 75      | C-43       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 76      | C-44       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 77      | C-45       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 78      | C-46       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 79      | C-47       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 80      | C-48       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 81      | C-49       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |
| 82      | C-50       | 20° 33' 31.17388"N | 83° 26' 31.19101"E | 756233.41  | 2269707.221 |

|    |      |                    |                    |            |             |
|----|------|--------------------|--------------------|------------|-------------|
| 27 | C-30 | 20° 44' 11.76688"N | 83° 29' 35.45509"E | 759627.111 | 2294989.856 |
| 28 | C-31 | 20° 44' 11.44971"N | 83° 29' 35.82569"E | 759666.91  | 2294989.819 |
| 29 | C-32 | 20° 44' 15.40110"N | 83° 29' 45.26387"E | 759853.688 | 2295113.327 |
| 30 | C-33 | 20° 44' 15.08517"N | 83° 29' 43.13422"E | 759805.448 | 2295113.327 |
| 31 | C-34 | 20° 44' 34.56541"N | 83° 29' 57.51917"E | 759960.762 | 2272775.816 |
| 32 | C-43 | 20° 42' 22.31504"N | 83° 30' 56.35614"E | 761202.805 | 2293815.181 |
| 33 | C-44 | 20° 43' 18.30617"N | 83° 30' 56.35614"E | 761202.805 | 2293815.181 |
| 34 | C-45 | 20° 42' 48.94041"N | 83° 31' 14.75372"E | 761693.601 | 2294294.283 |
| 35 | C-46 | 20° 42' 28.58424"N | 83° 31' 11.29872"E | 762450.285 | 2291866.734 |
| 36 | C-47 | 20° 42' 27.74545"N | 83° 31' 12.29541"E | 762508.497 | 2291860.878 |
| 37 | C-48 | 20° 38' 35.16364"N | 83° 29' 11.82649"E | 758913.454 | 2284236.16  |
| 38 | C-6  | 20° 31' 21.71388"N | 83° 26' 31.11901"E | 754623.14  | 2273007.221 |
| 39 | C-7  | 20° 33' 125.1811"N | 83° 26' 20.23698"E | 754245.21  | 2273816.806 |
| 40 | C-8  | 20° 32' 27.45683"N | 83° 26' 20.23698"E | 754245.21  | 2273816.806 |
| 41 | C-9  | 20° 38' 35.62787"N | 83° 29' 13.20890"E | 759162.496 | 2265075.359 |
| 42 | C-10 | 20° 38' 19.77930"N | 83° 28' 18.06348"E | 749135.507 | 226548.58   |
| 43 | C-11 | 20° 38' 07.14367"N | 83° 28' 07.60041"E | 748999.314 | 2265105.797 |
| 44 | C-13 | 20° 37' 41.00503"N | 83° 28' 18.32782"E | 749035.21  | 2264601.15  |
| 45 | C-48 | 20° 38' 27.87538"N | 83° 28' 34.98769"E | 749785.214 | 2264260.175 |
| 46 | C-49 | 20° 37' 22.75500"N | 83° 28' 27.88923"E | 747702.024 | 2264680.013 |
| 47 | C-50 | 20° 37' 22.75500"N | 83° 28' 27.88923"E | 747702.024 | 2264680.013 |
| 48 | C-51 | 20° 37' 23.03807"N | 83° 28' 20.14161"E | 747366.713 | 2265000.436 |
| 49 | C-18 | 20° 37' 40.02516"N | 83° 18' 38.70044"E | 741234.381 | 2251206.243 |
| 50 | C-19 | 20° 39' 29.05816"N | 83° 18' 38.70044"E | 741234.381 | 2251206.243 |
| 51 | C-20 | 20° 39' 29.96981"N | 83° 18' 38.70044"E | 741234.381 | 2251206.243 |
| 52 | C-48 | 20° 37' 22.79794"N | 83° 19' 58.90002"E | 740935.731 | 22543.76177 |
| 53 | C-49 | 20° 37' 21.74929"N | 83° 19' 08.32699"E | 742479.431 | 2252752.983 |
| 54 | C-50 | 20° 37' 21.74949"N | 83° 19' 08.32699"E | 742479.431 | 2252752.983 |
| 55 | C-51 | 20° 37' 21.76597"N | 83° 19' 02.90363"E | 741917.177 | 225257.613  |
| 56 | C-12 | 20° 16' 31.02932"N | 83° 17' 01.60936"E | 738525.445 | 2249325.858 |