**Координати на стълбовете**

**на ВЛ 20 kV "Запад" - отклонение (основно)**

**Координатна система БГС2005**

|  |  |  |
| --- | --- | --- |
| № | X(m) | Y(m) |
| Ст.№ 1 | 4842107.228 | 324450.389 |
| Ст.№ 2 | 4842097.143 | 324439.375 |
| Ст.№ 3 | 4842070.344 | 324352.963 |
| Ст.№ 4 | 4842042.384 | 324262.808 |
| Ст.№ 5 | 4842015.114 | 324174.875 |
| Ст.№ 6 | 4841989.523 | 324092.358 |
| Ст.№ 7 | 4841961.508 | 324002.025 |
| Ст.№ 8 | 4841934.442 | 323914.749 |
| Ст.№ 9 | 4841907.767 | 323828.736 |
| Ст.№ 10 | 4841880.672 | 323741.372 |
| Ст.№ 11 | 4841855.018 | 323658.651 |
| Ст.№ 12 | 4841827.370 | 323569.499 |
| Ст.№ 13 | 4841800.762 | 323483.702 |
| Ст.№ 14 | 4841773.162 | 323394.706 |
| Ст.№ 15 | 4841746.655 | 323309.235 |
| Ст.№ 16 | 4841719.576 | 323221.919 |
| Ст.№ 17 | 4841691.516 | 323131.440 |
| Ст.№ 18 | 4841665.868 | 323048.741 |
| Ст.№ 19 | 4841639.337 | 322963.193 |
| Ст.№ 20 | 4841612.740 | 322877.431 |
| Ст.№ 21 | 4841587.177 | 322795.004 |
| Ст.№ 22 | 4841572.358 | 322747.220 |
| Ст.№ 23 | 4841539.372 | 322660.980 |
| Ст.№ 24 | 4841506.370 | 322574.694 |
| Ст.№ 25 | 4841473.963 | 322489.968 |
| Ст.№ 26 | 4841442.252 | 322407.058 |
| Ст.№ 27 | 4841410.680 | 322324.515 |
| Ст.№ 28 | 4841377.629 | 322238.105 |
| Ст.№ 29 | 4841349.178 | 322163.716 |
| Ст.№ 30 | 4841314.966 | 322074.270 |
| Ст.№ 31 | 4841283.244 | 321991.335 |
| Ст.№ 32 | 4841251.624 | 321908.663 |
| Ст.№ 33 | 4841218.020 | 321820.803 |
| Ст.№ 34 | 4841184.818 | 321733.997 |
| Ст.№ 35 | 4841151.637 | 321647.251 |
| Ст.№ 36 | 4841118.019 | 321559.432 |
| Ст.№ 37 | 4841085.105 | 321473.451 |
| Ст.№ 38 | 4841052.548 | 321388.403 |
| Ст.№ 39 | 4841019.494 | 321302.046 |
| Ст.№ 40 | 4840986.515 | 321215.909 |
| Ст.№ 41 | 4840952.606 | 321127.317 |
| Ст.№ 42 | 4840918.380 | 321037.923 |
| Ст.№ 43 | 4840884.848 | 320950.328 |
| Ст.№ 44 | 4840853.004 | 320867.131 |
| Ст.№ 45 | 4840819.774 | 320780.337 |
| Ст.№ 46 | 4840785.882 | 320691.801 |
| Ст.№ 47 | 4840751.939 | 320603.135 |
| Ст.№ 48 | 4840719.334 | 320517.949 |
| Ст.№ 49 | 4840688.955 | 320438.581 |
| Ст.№ 50 | 4840654.681 | 320349.035 |
| Ст.№ 51 | 4840619.707 | 320257.662 |
| Ст.№ 52 | 4840589.057 | 320177.584 |
| Ст.№ 53 | 4840557.181 | 320094.374 |
| Ст.№ 54 | 4840525.850 | 320012.529 |
| Ст.№ 55 | 4840494.331 | 319930.193 |
| Ст.№ 56 | 4840474.601 | 319878.653 |
| Ст.№ 57 | 4840450.475 | 319815.629 |
| Ст.№ 58 | 4840418.503 | 319732.110 |
| Ст.№ 59 | 4840385.370 | 319645.543 |
| Ст.№ 60 | 4840352.716 | 319560.242 |
| Ст.№ 61 | 4840321.267 | 319478.088 |
| Ст.№ 62 | 4840297.697 | 319416.503 |
| Ст.№ 63 | 4840288.813 | 319327.238 |
| Ст.№ 64 | 4840279.440 | 319233.068 |
| Ст.№ 65 | 4840270.275 | 319140.972 |
| Ст.№ 66 | 4840261.358 | 319051.385 |
| Ст.№ 67 | 4840252.345 | 318960.826 |
| Ст.№ 68 | 4840243.220 | 318871.306 |
| Ст.№ 69 | 4840234.274 | 318779.252 |
| Ст.№ 70 | 4840224.805 | 318684.490 |
| Ст.№ 71 | 4840215.585 | 318591.471 |
| Ст.№ 72 | 4840207.570 | 318510.935 |
| Ст.№ 73 | 4840201.566 | 318450.612 |
| Ст.№ 74 | 4840185.778 | 318358.652 |
| Ст.№ 75 | 4840170.973 | 318272.408 |
| Ст.№ 76 | 4840159.988 | 318208.434 |
| Ст.№ 77 | 4840149.823 | 318149.227 |
| Ст.№ 78 | 4840141.585 | 318101.161 |
| Ст.№ 79 | 4840128.731 | 318026.361 |
| Ст.№ 80 | 4840115.444 | 317948.972 |
| Ст.№ 81 | 4840099.084 | 317853.690 |
| Ст.№ 82 | 4840049.436 | 317801.545 |
| Ст.№ 83 | 4839999.789 | 317749.400 |
| Ст.№ 84 | 4839947.285 | 317694.255 |
| Ст.№ 85 | 4839883.594 | 317634.606 |
| Ст.№ 86 | 4839817.199 | 317572.707 |
| Ст.№ 87 | 4839750.919 | 317510.493 |
| Ст.№ 88 | 4839682.497 | 317446.552 |
| Ст.№ 89 | 4839614.578 | 317382.943 |
| Ст.№ 90 | 4839558.131 | 317330.078 |
| Ст.№ 91 | 4839570.757 | 317287.800 |

**Координати на стълбовете**

**на ВЛ 20 kV "Поп Андрей" - отклонение (резервно)**

**Координатна система БГС2005**

|  |  |  |
| --- | --- | --- |
| № | X(m) | Y(m) |
| Ст.№ 92 | 4840166.947 | 315121.578 |
| Ст.№ 93 | 4840160.700 | 315145.213 |
| Ст.№ 94 | 4840142.630 | 315213.583 |
| Ст.№ 95 | 4840118.863 | 315303.509 |
| Ст.№ 96 | 4840095.129 | 315393.310 |
| Ст.№ 97 | 4840071.423 | 315483.003 |
| Ст.№ 98 | 4840047.504 | 315573.506 |
| Ст.№ 99 | 4840023.639 | 315663.800 |
| Ст.№ 100 | 4839999.872 | 315753.725 |
| Ст.№ 101 | 4839980.016 | 315828.852 |
| Ст.№ 102 | 4839954.168 | 315926.651 |
| Ст.№ 103 | 4839938.657 | 315985.339 |
| Ст.№ 104 | 4839916.552 | 316068.974 |
| Ст.№ 105 | 4839894.656 | 316151.822 |
| Ст.№ 106 | 4839869.744 | 316235.484 |
| Ст.№ 107 | 4839843.878 | 316322.355 |
| Ст.№ 108 | 4839817.473 | 316411.031 |
| Ст.№ 109 | 4839790.442 | 316501.814 |
| Ст.№ 110 | 4839765.027 | 316587.169 |
| Ст.№ 111 | 4839738.884 | 316674.967 |
| Ст.№ 112 | 4839713.430 | 316760.450 |
| Ст.№ 113 | 4839688.361 | 316844.643 |
| Ст.№ 114 | 4839662.412 | 316931.790 |
| Ст.№ 115 | 4839643.180 | 316996.379 |

**Координати на определящите точки по чупките на сервитута**

**на ВЛ 20 kV "Запад" - отклонение (основно)**

**Координатна система БГС2005**

|  |  |  |
| --- | --- | --- |
| № | X(m) | Y(m) |
| S116 | 4842103.889 | 324450.444 |
| S117 | 4842094.921 | 324440.650 |
| S118 | 4841569.994 | 322748.038 |
| S119 | 4841149.302 | 321648.145 |
| S120 | 4840474.708 | 319885.927 |
| S121 | 4840295.243 | 319417.084 |
| S122 | 4840198.173 | 318445.625 |
| S123 | 4840096.749 | 317854.863 |
| S124 | 4839948.022 | 317698.655 |
| S125 | 4839555.293 | 317330.845 |
| S126 | 4839565.482 | 317296.726 |
| S127 | 4842113.906 | 324450.277 |
| S128 | 4842101.587 | 324436.824 |
| S129 | 4841577.086 | 322745.585 |
| S130 | 4841156.307 | 321645.464 |
| S131 | 4840481.713 | 319883.246 |
| S132 | 4840302.606 | 319415.340 |
| S133 | 4840205.610 | 318444.617 |
| S134 | 4840103.754 | 317851.344 |
| S135 | 4839953.305 | 317693.328 |
| S136 | 4839563.807 | 317328.543 |
| S137 | 4839572.670 | 317298.868 |

**Координати на определящите точки по чупките на сервитута**

**на ВЛ 20 kV "Поп Андрей" - отклонение (резервно)**

**Координатна система БГС2005**

|  |  |  |
| --- | --- | --- |
| № | X(m) | Y(m) |
| S138 | 4840164.695 | 315120.314 |
| S140 | 4839643.638 | 316986.080 |
| S141 | 4840171.490 | 315123.957 |
| S142 | 4839899.470 | 316153.174 |
| S143 | 4839650.826 | 316988.223 |