"C:\Users\PC3\PycharmProjects\EMF solution\venv\Scripts\python.exe" "C:/Users/PC3/Desktop/Final EMF/2D/final\_2d.py"

diameter of the one strand in Cm=3.5

total number of strand in bundle=4

space between any 2 strand=45.7

total no of phases=5

22.04055248119825

Phase 1

RMS Line-Line voltage magnitude in kV=765

Phase 1

phase angle in degree=0

Phase 2

RMS Line-Line voltage magnitude in kV=765

Phase 2

phase angle in degree=120

Phase 3

RMS Line-Line voltage magnitude in kV=765

Phase 3

phase angle in degree=240

Phase 4

RMS Line-Line voltage magnitude in kV=0

Phase 4

phase angle in degree=0

Phase 5

RMS Line-Line voltage magnitude in kV=0

Phase 5

phase angle in degree=0

cordinate of conductor 1

x cordinate=-11.33

for Flat conductor profile press 1 and Catenary conductor profile press 2=2

starting tower height=31.85

ending tower height=31.85

min clearance=15

cordinate of conductor 2

x cordinate=0

for Flat conductor profile press 1 and Catenary conductor profile press 2=2

starting tower height=43.88

ending tower height=43.88

min clearance=27.03

cordinate of conductor 3

x cordinate=11.33

for Flat conductor profile press 1 and Catenary conductor profile press 2=2

starting tower height=31.85

ending tower height=31.85

min clearance=15

cordinate of conductor 4

x cordinate=-8.5

for Flat conductor profile press 1 and Catenary conductor profile press 2=2

starting tower height=52.83

ending tower height=52.83

min clearance=41.52

cordinate of conductor 5

x cordinate=8.5

for Flat conductor profile press 1 and Catenary conductor profile press 2=2

starting tower height=52.83

ending tower height=52.83

min clearance=41.52

No. of step(integer value)=19

Enter No. of Sub divisions=19

starting x cordinate of measured point=-40

ending x cordinate of measured point=40

starting y cordinate of measured point=1.8

ending y cordinate of measured point=1.8

starting z cordinate of measured point=200

ending z cordinate of measured point=200

[[-40. 1.8 200. ]

[-36. 1.8 200. ]

[-32. 1.8 200. ]

[-28. 1.8 200. ]

[-24. 1.8 200. ]

[-20. 1.8 200. ]

[-16. 1.8 200. ]

[-12. 1.8 200. ]

[ -8. 1.8 200. ]

[ -4. 1.8 200. ]

[ 0. 1.8 200. ]

[ 4. 1.8 200. ]

[ 8. 1.8 200. ]

[ 12. 1.8 200. ]

[ 16. 1.8 200. ]

[ 20. 1.8 200. ]

[ 24. 1.8 200. ]

[ 28. 1.8 200. ]

[ 32. 1.8 200. ]

[ 36. 1.8 200. ]]

[(1567.0348733813532+0j), (2085.3132199254646+0j), (2827.0915481194634+0j), (3885.6214709513883+0j), (5345.355093259538+0j), (7157.767653913755+0j), (8858.500422365396+0j), (9401.53926831811+0j), (7959.512494521062+0j), (5132.3965758052655+0j), (3226.868780010015+0j), (5132.3965758052655+0j), (7959.512494521065+0j), (9401.539268318114+0j), (8858.500422365401+0j), (7157.76765391376+0j), (5345.355093259542+0j), (3885.62147095139+0j), (2827.091548119465+0j), (2085.313219925466+0j)]

Process finished with exit code 0