"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

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. ]

[-35.78947368 1.8 200. ]

[-31.57894737 1.8 200. ]

[-27.36842105 1.8 200. ]

[-23.15789474 1.8 200. ]

[-18.94736842 1.8 200. ]

[-14.73684211 1.8 200. ]

[-10.52631579 1.8 200. ]

[ -6.31578947 1.8 200. ]

[ -2.10526316 1.8 200. ]

[ 2.10526316 1.8 200. ]

[ 6.31578947 1.8 200. ]

[ 10.52631579 1.8 200. ]

[ 14.73684211 1.8 200. ]

[ 18.94736842 1.8 200. ]

[ 23.15789474 1.8 200. ]

[ 27.36842105 1.8 200. ]

[ 31.57894737 1.8 200. ]

[ 35.78947368 1.8 200. ]

[ 40. 1.8 200. ]]

[(1567.0348733813532+0j), (2118.0468751434514+0j), (2921.8539655857053+0j), (4088.0718933395706+0j), (5704.548969973134+0j), (7649.888418216343+0j), (9212.80422886264+0j), (9105.436712310775+0j), (6850.135463696707+0j), (3870.1964458317952+0j), (3870.196445831787+0j), (6850.135463696697+0j), (9105.436712310777+0j), (9212.80422886265+0j), (7649.8884182163565+0j), (5704.548969973142+0j), (4088.07189333958+0j), (2921.85396558571+0j), (2118.0468751434555+0j), (1567.0348733813557+0j)]

Process finished with exit code 0