C:\Users\PC-23\Desktop\epri1\venv\Scripts\python.exe C:/Users/PC-23/Desktop/epri1/venv/final\_115.py

total no of phases=5

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

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. ]]

[(1671.0620587866445+0j), (2224.848987653871+0j), (3017.3263289550837+0j), (4148.039776144897+0j), (5707.163465013942+0j), (7643.006391859843+0j), (9460.19556827617+0j), (10042.847059300779+0j), (8509.220257159726+0j), (5503.587088187287+0j), (3487.0759931526854+0j), (5503.587088187286+0j), (8509.220257159724+0j), (10042.847059300779+0j), (9460.19556827617+0j), (7643.00639185984+0j), (5707.163465013941+0j), (4148.039776144896+0j), (3017.326328955082+0j), (2224.8489876538692+0j)]

Process finished with exit code 0