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=-17.75

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

starting tower height=30.1

ending tower height=30.1

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=31.8

ending tower height=31.8

min clearance=20.5

cordinate of conductor 3

x cordinate=17.75

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

starting tower height=30.1

ending tower height=30.1

min clearance=15

cordinate of conductor 4

x cordinate=-11.1

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

starting tower height=43.25

ending tower height=43.25

min clearance=31.79

cordinate of conductor 5

x cordinate=11.1

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

starting tower height=43.25

ending tower height=43.25

min clearance=31.79

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. ]]

[(2992.7792195046395+0j), (4035.1123593621896+0j), (5478.050445996498+0j), (7348.320280155768+0j), (9375.00003334037+0j), (10696.745469908605+0j), (10229.836791383861+0j), (8022.67155465967+0j), (5478.938575219854+0j), (3992.8543679186087+0j), (3669.5020914115876+0j), (3992.8543679186123+0j), (5478.938575219857+0j), (8022.671554659673+0j), (10229.836791383867+0j), (10696.74546990861+0j), (9375.000033340373+0j), (7348.32028015577+0j), (5478.0504459965005+0j), (4035.1123593621924+0j)]

Process finished with exit code 0