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

ending y cordinate of measured point=1

starting z cordinate of measured point=200

ending z cordinate of measured point=200

[[-40. 1. 200.]

[-36. 1. 200.]

[-32. 1. 200.]

[-28. 1. 200.]

[-24. 1. 200.]

[-20. 1. 200.]

[-16. 1. 200.]

[-12. 1. 200.]

[ -8. 1. 200.]

[ -4. 1. 200.]

[ 0. 1. 200.]

[ 4. 1. 200.]

[ 8. 1. 200.]

[ 12. 1. 200.]

[ 16. 1. 200.]

[ 20. 1. 200.]

[ 24. 1. 200.]

[ 28. 1. 200.]

[ 32. 1. 200.]

[ 36. 1. 200.]]

[(2995.7828499397633+0j), (4036.95317591594+0j), (5473.396633645533+0j), (7322.638215906103+0j), (9301.784681054907+0j), (10561.767634254677+0j), (10069.81680836222+0j), (7873.393296172665+0j), (5317.437842789311+0j), (3793.4060226522897+0j), (3455.66905346193+0j), (3793.40602265229+0j), (5317.437842789312+0j), (7873.393296172667+0j), (10069.816808362226+0j), (10561.767634254678+0j), (9301.784681054909+0j), (7322.6382159061095+0j), (5473.396633645536+0j), (4036.953175915941+0j)]

Process finished with exit code 0