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=20.1

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=17.75

ending x cordinate of measured point=17.75

starting y cordinate of measured point=1.8

ending y cordinate of measured point=1.8

starting z cordinate of measured point=0

ending z cordinate of measured point=400

[[ 17.75 1.8 0. ]

[ 17.75 1.8 21. ]

[ 17.75 1.8 42. ]

[ 17.75 1.8 63. ]

[ 17.75 1.8 84. ]

[ 17.75 1.8 105. ]

[ 17.75 1.8 126. ]

[ 17.75 1.8 147. ]

[ 17.75 1.8 168. ]

[ 17.75 1.8 189. ]

[ 17.75 1.8 210. ]

[ 17.75 1.8 231. ]

[ 17.75 1.8 252. ]

[ 17.75 1.8 273. ]

[ 17.75 1.8 294. ]

[ 17.75 1.8 315. ]

[ 17.75 1.8 336. ]

[ 17.75 1.8 357. ]

[ 17.75 1.8 378. ]

[ 17.75 1.8 399. ]]

[(3136.9127303475725+0j), (3170.431574136045+0j), (3273.7678415620658+0j), (3455.7568834857616+0j), (3732.9444689709794+0j), (4132.997354191635+0j), (4701.285203782417+0j), (5513.963253991403+0j), (6706.0464690131+0j), (8539.110802165138+0j), (8650.04977586954+0j), (6775.918630137515+0j), (5560.703538370403+0j), (4733.664027521053+0j), (4155.788228518029+0j), (3748.9317164569784+0j), (3466.628762485188+0j), (3280.552992236926+0j), (3173.724230905859+0j), (3136.988224569426+0j)]

Process finished with exit code 0