

TOMO III - ANEXO - 11
REPORTES DE CORTO CIRCUITO
LARGO PLAZO

2023 DEMANDA MÁXIMA LLUVIOSA

```

<-SCMVA-> <-Sym I''k rms-->
X----- BUS -----X          MVA      /I/      AN(I)
          6000 [FRONTPRO 230.00] 3PH 3286.51  8249.9  -90.11
                               LG    2525.34  6339.1  -88.39
THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.346/82.154, 7.25659 Z-:/16.353/82.283, 7.37922 Z0:/31.153/78.573, 4.94729
-----
<-SCMVA-> <-Sym I''k rms-->
X----- BUS -----X          MVA      /I/      AN(I)
          6001 [PAN230 230.00] 3PH 3244.55  8144.5  -97.82
                               LG    3930.20  9865.7  -103.30
THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.366/57.343, 1.56021 Z-:/16.248/59.872, 1.72314 Z0:/8.367/79.514, 5.40275
-----
<-SCMVA-> <-Sym I''k rms-->
X----- BUS -----X          MVA      /I/      AN(I)
          6002 [PAN115 115.00] 3PH 2837.75  14246.8 -100.03
                               LG    3353.42  16835.6 -106.25
THEVENIN IMPEDANCE, X/R (OHM) Z+:/4.670/56.357, 1.50270 Z-:/4.645/58.781, 1.64995 Z0:/2.704/80.091, 5.72425
-----
<-SCMVA-> <-Sym I''k rms-->
X----- BUS -----X          MVA      /I/      AN(I)
          6003 [PANII230 230.00] 3PH 3146.23  7897.7  -98.88
                               LG    3763.36  9446.9  -104.24
THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.975/58.321, 1.62044 Z-:/16.882/60.681, 1.78063 Z0:/9.155/79.350, 5.31774
-----
<-SCMVA-> <-Sym I''k rms-->
X----- BUS -----X          MVA      /I/      AN(I)
          6004 [PANII115 115.00] 3PH 2323.71  11666.1 -105.75
                               LG    2114.62  10616.3 -112.84
THEVENIN IMPEDANCE, X/R (OHM) Z+:/5.678/62.227, 1.89881 Z-:/5.682/64.001, 2.05036 Z0:/7.527/78.695, 5.00211
-----
<-SCMVA-> <-Sym I''k rms-->
                               /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6005 [CHO230      230.00] 3PH   3026.98  7598.4   -99.57
                               LG      4094.32 10277.6  -103.68
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/17.637/61.012, 1.80490  Z-:/17.435/63.806, 2.03283  Z0:/4.421/87.232, 20.68487

```

<-SCMVA-> <-Sym I''k rms-->

```

X----- BUS -----X          MVA      AMP      DEG
 6006 [CHO115      115.00] 3PH   1977.72  9929.0   -109.51
                               LG      2086.88 10477.0  -116.90
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/6.724/69.807, 2.71890  Z-:/6.562/73.152, 3.30209  Z0:/6.051/89.874, 453.47180

```

<-SCMVA-> <-Sym I''k rms-->

```

X----- BUS -----X          MVA      AMP      DEG
 6008 [LSA230      230.00] 3PH   3658.44  9183.5   -97.31
                               LG      3379.84  8484.1   -100.86
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/14.808/68.972, 2.60134  Z-:/14.810/70.350, 2.80058  Z0:/18.566/77.078, 4.35849

```

<-SCMVA-> <-Sym I''k rms-->

```

X----- BUS -----X          MVA      AMP      DEG
 6009 [LSA115      115.00] 3PH   1988.80  9984.6   -104.89
                               LG      920.18  4619.7   -113.45
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/6.826/76.561, 4.18502  Z-:/6.842/77.256, 4.42141  Z0:/30.796/88.761, 46.22753

```

<-SCMVA-> <-Sym I''k rms-->

```

X----- BUS -----X          MVA      AMP      DEG
 6011 [MDN230      230.00] 3PH   4631.25 11625.4   -91.47
                               LG      4075.27 10229.8   -90.98
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/11.580/80.509, 5.98172  Z-:/11.591/80.839, 6.20084  Z0:/16.313/79.094, 5.18981

```

<-SCMVA-> <-Sym I''k rms-->

```

X----- BUS -----X          MVA      AMP      DEG
 6012 [MDN115      115.00] 3PH   2335.84 11726.9   -92.46
                               LG      1970.38  9892.2   -93.34
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/5.747/84.431, 10.25632  Z-:/5.750/84.533, 10.44763  Z0:/8.944/86.381, 15.81101

```

<-SCMVA-> <-Sym I''k rms-->

/I/ AN(I)

```

X----- BUS -----X          MVA      AMP      DEG
 6014 [PRO230      230.00] 3PH   3658.63   9184.0   -90.19
                               LG      3397.89   8529.4   -90.11
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/14.674/82.408, 7.50288  Z-:/14.681/82.562, 7.66003  Z0:/18.046/82.069, 7.17847

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-----
<-SCMVA-> <-Sym I''k rms-->
           /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6015 [PRO115      115.00] 3PH   1245.85   6254.7   -93.86
                               LG      1284.92   6450.9   -94.29
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/10.720/87.047, 19.38534  Z-:/10.723/87.098, 19.72983  Z0:/9.741/88.365, 35.04243

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-----
<-SCMVA-> <-Sym I''k rms-->
           /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6018 [CAC115      115.00] 3PH   2811.99  14117.4  -100.18
                               LG      3291.56  16525.1  -105.85
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/4.710/56.448, 1.50787  Z-:/4.685/58.856, 1.65487  Z0:/2.804/77.247, 4.41838

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-----
<-SCMVA-> <-Sym I''k rms-->
           /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6087 [CAL115      115.00] 3PH   1667.39   8371.0   -88.80
                               LG      1204.84   6048.8   -87.90
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/8.096/84.887, 11.17528  Z-:/8.098/84.928, 11.26796  Z0:/17.424/83.114, 8.28020

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-----
<-SCMVA-> <-Sym I''k rms-->
           /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6173 [STR115      115.00] 3PH   1245.34   6252.2  -112.91
                               LG      1488.32   7472.0  -116.34
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/10.292/64.279, 2.07594  Z-:/10.192/66.620, 2.31303  Z0:/5.433/76.274, 4.09396

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-----
<-SCMVA-> <-Sym I''k rms-->
           /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6179 [GUA230      230.00] 3PH   4497.42  11289.5  -93.50
                               LG      4260.38  10694.5  -94.48
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/11.919/80.485, 5.96593  Z-:/11.934/80.895, 6.23988  Z0:/13.899/82.808, 7.92463

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-----
<-SCMVA-> <-Sym I''k rms-->
           /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6182 [VEL230      230.00] 3PH   4012.89  10073.2  -95.39
                               LG      3110.60  7808.3   -95.75
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/13.510/75.185, 3.78082  Z-:/13.531/75.987, 4.00681  Z0:/25.247/75.507, 3.86872

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-----
<-SCMVA-> <-Sym I''k rms-->
           /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6240 [EHIG230     230.00] 3PH   2341.67  5878.1  -103.08
                               LG      2014.60  5057.1  -107.46
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/22.919/67.863, 2.45811  Z-:/22.862/69.507, 2.67560  Z0:/34.351/76.993, 4.32904

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-----
<-SCMVA-> <-Sym I''k rms-->
           /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6260 [CHA230      230.00] 3PH   2569.71  6450.5  -92.65
                               LG      1906.97  4786.9  -91.00
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/20.964/81.203, 6.46174  Z-:/20.975/81.363, 6.58323  Z0:/42.848/77.854, 4.64649

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-----
<-SCMVA-> <-Sym I''k rms-->
           /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6261 [CHA115      115.00] 3PH   1124.11  5643.5  -97.02
                               LG      494.39   2482.1  -98.26
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/11.983/85.998, 14.29385  Z-:/11.987/86.056, 14.50323  Z0:/57.776/87.738, 25.31399

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-----
<-SCMVA-> <-Sym I''k rms-->
           /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6340 [CAN230      230.00] 3PH   3209.92  8057.6  -93.89
                               LG      2760.68  6929.9  -93.77
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/16.618/79.215, 5.24973  Z-:/16.639/79.576, 5.43598  Z0:/24.712/78.690, 4.99997

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-----
<-SCMVA-> <-Sym I''k rms-->
           /I/      AN(I)

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```

X----- BUS -----X          MVA      AMP      DEG
 6380 [BOQIII230   230.00] 3PH   3302.39  8289.7  -91.08
                               LG      2975.66  7469.6  -90.75
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/16.245/82.270, 7.36700  Z-:/16.254/82.442, 7.53675  Z0:/21.590/81.328, 6.55612

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-----
<-SCMVA-> <-Sym I''k rms-->
           /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6400 [FRONTCHA  230.00] 3PH    2182.03  5477.4  -92.31
                               LG      888.73  2230.9  -87.27
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/24.715/81.090, 6.37853  Z-:/24.724/81.206, 6.46390  Z0:/132.870/74.154, 3.52314

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-----
<-SCMVA-> <-Sym I''k rms-->
                               /I/    AN(I)
X----- BUS -----X          MVA      AMP      DEG
 6401 [PM230-29  230.00] 3PH    3346.41  8400.2  -94.12
                               LG      2785.69  6992.7  -93.02
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/16.002/80.518, 5.98704  Z-:/16.020/80.847, 6.20654  Z0:/25.665/77.840, 4.64089

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-----
<-SCMVA-> <-Sym I''k rms-->
                               /I/    AN(I)
X----- BUS -----X          MVA      AMP      DEG
 6440 [DOM230    230.00] 3PH    2654.98  6664.6  -91.61
                               LG      2080.11  5221.5  -87.58
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/20.180/83.100, 8.26402  Z-:/20.186/83.197, 8.38201  Z0:/37.119/74.630, 3.63792

```

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-----
<-SCMVA-> <-Sym I''k rms-->
                               /I/    AN(I)
X----- BUS -----X          MVA      AMP      DEG
 6441 [PRIM230   230.00] 3PH    1947.38  4888.4  -90.36
                               LG      1573.27  3949.2  -87.19
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/27.507/82.142, 7.24575  Z-:/27.512/82.210, 7.30942  Z0:/47.312/75.241, 3.79589

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```

-----
<-SCMVA-> <-Sym I''k rms-->
                               /I/    AN(I)
X----- BUS -----X          MVA      AMP      DEG
 6500 [FRONTDOM  230.00] 3PH    2684.60  6738.9  -91.15
                               LG      1955.81  4909.5  -87.10
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/19.977/82.644, 7.74584  Z-:/19.983/82.737, 7.84647  Z0:/42.500/74.753, 3.66875

```

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-----
<-SCMVA-> <-Sym I''k rms-->
                               /I/    AN(I)
X----- BUS -----X          MVA      AMP      DEG
 6520 [SBA230    230.00] 3PH    2965.90  7445.1  -98.77
                               LG      1986.42  4986.3  -98.97
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/18.402/75.675, 3.91614  Z-:/18.431/76.433, 4.14382  Z0:/45.596/75.727, 3.93095

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-----
<-SCMVA-> <-Sym I''k rms-->
                               /I/    AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6521 [SBA115      115.00] 3PH   787.24   3952.3  -108.66
                               LG       0.00     0.0    0.00
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/17.255/86.922, 18.59371  Z-:/17.270/87.079, 19.59974  Z0:/0.13E+09/90.000,
9999.999

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```

-----
<-SCMVA-> <-Sym I''k rms-->
           /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6713 [BUR230      230.00] 3PH   2813.93  7063.6  -101.52
                               LG      2824.17  7089.3  -106.66
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/18.976/62.514, 1.92215  Z-:/18.929/64.557, 2.10189  Z0:/19.117/75.850, 3.96655

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-----
<-SCMVA-> <-Sym I''k rms-->
           /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6811 [SVC-LSA     230.00] 3PH   3658.44  9183.5  -97.31
                               LG      3379.84  8484.1  -100.86
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/14.808/68.972, 2.60134  Z-:/14.810/70.350, 2.80058  Z0:/18.566/77.078, 4.35849

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
           /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6816 [SVC-PAN2    230.00] 3PH   3056.58  7672.7  -99.88
                               LG       0.00     0.0    0.00
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/17.473/59.323, 1.68572  Z-:/17.392/61.620, 1.85102  Z0:/0.53E+09/90.000, 9999.999

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```

-----
<-SCMVA-> <-Sym I''k rms-->
           /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6830 [ANT230      230.00] 3PH   2449.82  6149.6  -103.40
                               LG      2084.21  5231.8  -105.48
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/22.010/71.071, 2.91593  Z-:/22.004/72.469, 3.16566  Z0:/33.633/74.963, 3.72254

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```

-----
<-SCMVA-> <-Sym I''k rms-->
           /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6837 [CHG230      230.00] 3PH   3718.03  9333.1  -93.95
                               LG      3175.25  7970.6  -93.67
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/14.345/78.936, 5.11382  Z-:/14.367/79.377, 5.33163  Z0:/21.681/78.000, 4.70459

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-----
<-SCMVA-> <-Sym I''k rms-->

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```

X----- BUS -----X
6840 [PAN3 230 230.00] 3PH
      LG 4001.82 10045.4 -103.02
THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.172/57.600, 1.57575 Z-:/16.057/60.124, 1.74071 Z0:/8.074/79.376, 5.33122

```

<-SCMVA-> <-Sym I''k rms-->

```

X----- BUS -----X
6841 [PAN3 115 115.00] 3PH
      LG 2377.38 11935.5 -109.91
THEVENIN IMPEDANCE, X/R (OHM) Z+:/5.677/63.204, 1.98000 Z-:/5.669/65.127, 2.15695 Z0:/5.521/74.938, 3.71587

```

<-SCMVA-> <-Sym I''k rms-->

```

X----- BUS -----X
6861 [CHE230 230.00] 3PH
      LG 2456.51 6166.4 -111.35
THEVENIN IMPEDANCE, X/R (OHM) Z+:/23.319/70.432, 2.81337 Z-:/23.345/71.734, 3.02974 Z0:/18.967/78.908, 5.10070

```

<-SCMVA-> <-Sym I''k rms-->

```

X----- BUS -----X
6867 [PM-2 230.00] 3PH
      LG 2298.29 5769.2 -111.36
THEVENIN IMPEDANCE, X/R (OHM) Z+:/24.124/67.757, 2.44519 Z-:/24.130/69.346, 2.65284 Z0:/21.755/77.481, 4.50379

```

<-SCMVA-> <-Sym I''k rms-->

```

X----- BUS -----X
6875 [PM-1 230.00] 3PH
      LG 2298.29 5769.2 -111.36
THEVENIN IMPEDANCE, X/R (OHM) Z+:/24.124/67.757, 2.44519 Z-:/24.130/69.346, 2.65284 Z0:/21.755/77.481, 4.50379

```

2024 DEMANDA MÁXIMA LLUVIOSA

```

<-SCMVA-> <-Sym I''k rms-->
                                     /I/   AN(I)
X----- BUS -----X               MVA     AMP     DEG
  6000 [FRONTPRO   230.00] 3PH      3290.46  8259.8  -89.93
                                     LG      2527.03  6343.4  -88.17
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/16.328/82.224, 7.32292  Z-:/16.334/82.344, 7.43962  Z0:/31.153/78.573, 4.94729
-----
                                     <-SCMVA-> <-Sym I''k rms-->
                                     /I/   AN(I)
X----- BUS -----X               MVA     AMP     DEG
  6001 [PAN230     230.00] 3PH      3361.42  8437.9  -98.40
                                     LG      4040.45 10142.4 -103.78
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/15.829/58.310, 1.61979  Z-:/15.718/60.772, 1.78725  Z0:/8.367/79.514, 5.40275
-----
                                     <-SCMVA-> <-Sym I''k rms-->
                                     /I/   AN(I)
X----- BUS -----X               MVA     AMP     DEG
  6002 [PAN115     115.00] 3PH      2963.43 14877.7 -100.56
                                     LG      3467.05 17406.1 -106.72
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/4.485/57.221, 1.55295  Z-:/4.462/59.576, 1.70284  Z0:/2.704/80.091, 5.72425
-----
                                     <-SCMVA-> <-Sym I''k rms-->
                                     /I/   AN(I)
X----- BUS -----X               MVA     AMP     DEG
  6003 [PANII230   230.00] 3PH      3250.20  8158.7  -99.39
                                     LG      3859.16  9687.3  -104.63
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/16.466/59.270, 1.68219  Z-:/16.378/61.561, 1.84647  Z0:/9.155/79.350, 5.31774
-----
                                     <-SCMVA-> <-Sym I''k rms-->
                                     /I/   AN(I)
X----- BUS -----X               MVA     AMP     DEG
  6004 [PANII115   115.00] 3PH      2378.63 11941.8 -106.24
                                     LG      2144.76 10767.6 -113.01
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/5.563/63.175, 1.97750  Z-:/5.566/64.879, 2.13274  Z0:/7.527/78.695, 5.00211
-----
                                     <-SCMVA-> <-Sym I''k rms-->
                                     /I/   AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6005 [CHO230      230.00] 3PH   3101.19   7784.7  -100.22
                               LG      4181.38  10496.2 -104.26
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/17.241/61.961, 1.87763  Z-:/17.047/64.697, 2.11527  Z0:/4.421/87.232, 20.68487

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
              /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6006 [CHO115      115.00] 3PH   2005.80   10070.0 -109.96
                               LG      2106.18  10574.0 -117.17
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/6.639/70.528, 2.82837  Z-:/6.480/73.840, 3.45091  Z0:/6.051/89.874, 453.47180

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
              /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6008 [LSA230      230.00] 3PH   3702.81   9294.9  -97.62
                               LG      3403.45   8543.4 -100.87
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/14.630/69.713, 2.70530  Z-:/14.633/71.011, 2.90595  Z0:/18.566/77.078, 4.35849

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
              /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6009 [LSA115      115.00] 3PH   1997.79   10029.8 -104.87
                               LG      920.40   4620.8  -113.17
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/6.787/76.945, 4.31247  Z-:/6.801/77.594, 4.54589  Z0:/30.796/88.761, 46.22753

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
              /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6011 [MDN230      230.00] 3PH   4646.37   11663.4 -91.41
                               LG      4083.65   10250.9 -90.84
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/11.545/80.689, 6.09915  Z-:/11.555/80.998, 6.31210  Z0:/16.313/79.094, 5.18981

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
              /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6012 [MDN115      115.00] 3PH   2339.46   11745.1 -92.38
                               LG      1972.40   9902.3  -93.25
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/5.740/84.456, 10.30222  Z-:/5.742/84.551, 10.48270  Z0:/8.944/86.381, 15.81101

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
              /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6014 [PRO230      230.00] 3PH   3663.95  9197.3   -90.03
                               LG      3401.09  8537.5   -89.91
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/14.654/82.491, 7.58660  Z-:/14.660/82.635, 7.73675  Z0:/18.046/82.069, 7.17847

```

<-SCMVA-> <-Sym I''k rms-->

```

X----- BUS -----X          MVA      AMP      DEG
 6015 [PRO115      115.00] 3PH   1246.47  6257.8   -93.64
                               LG      1285.38  6453.1   -94.06
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/10.715/87.068, 19.52298  Z-:/10.718/87.116, 19.84958  Z0:/9.741/88.365, 35.04243

```

<-SCMVA-> <-Sym I''k rms-->

```

X----- BUS -----X          MVA      AMP      DEG
 6018 [CAC115      115.00] 3PH   2938.76  14753.8  -100.71
                               LG      3404.63  17092.8  -106.30
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/4.520/57.316, 1.55865  Z-:/4.497/59.657, 1.70833  Z0:/2.804/77.247, 4.41838

```

<-SCMVA-> <-Sym I''k rms-->

```

X----- BUS -----X          MVA      AMP      DEG
 6087 [CAL115      115.00] 3PH   1668.52  8376.7   -88.71
                               LG      1205.35  6051.4   -87.80
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/8.092/84.894, 11.19210  Z-:/8.093/84.933, 11.27897  Z0:/17.424/83.114, 8.28020

```

<-SCMVA-> <-Sym I''k rms-->

```

X----- BUS -----X          MVA      AMP      DEG
 6173 [STR115      115.00] 3PH   1262.35  6337.5  -113.09
                               LG      1507.76  7569.6  -116.43
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/10.273/64.628, 2.10870  Z-:/10.173/66.932, 2.34814  Z0:/5.433/76.274, 4.09396

```

<-SCMVA-> <-Sym I''k rms-->

```

X----- BUS -----X          MVA      AMP      DEG
 6179 [GUA230      230.00] 3PH   4515.53  11335.0  -93.46
                               LG      4271.83  10723.2  -94.35
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/11.876/80.720, 6.12016  Z-:/11.890/81.106, 6.39006  Z0:/13.899/82.808, 7.92463

```

<-SCMVA-> <-Sym I''k rms-->

/I/ AN(I)

```

X----- BUS -----X          MVA      AMP      DEG
 6182 [VEL230      230.00] 3PH   4041.51  10145.1  -95.49
                               LG      3122.49  7838.1   -95.62
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/13.418/75.640, 3.90602  Z-:/13.437/76.392, 4.13089  Z0:/25.247/75.507, 3.86872

```

<-SCMVA-> <-Sym I''k rms-->

```

X----- BUS -----X          MVA      AMP      DEG
 6240 [EHIG230    230.00] 3PH   2270.41  5699.2  -104.41
                               LG      1974.93  4957.5  -107.75
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/23.607/70.060, 2.75647  Z-:/23.581/71.505, 2.98963  Z0:/34.351/76.993, 4.32904

```

<-SCMVA-> <-Sym I''k rms-->

```

X----- BUS -----X          MVA      AMP      DEG
 6260 [CHA230     230.00] 3PH   2566.49  6442.5  -92.56
                               LG      1906.11  4784.7  -90.88
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/20.996/81.252, 6.49862  Z-:/21.006/81.403, 6.61437  Z0:/42.848/77.854, 4.64649

```

<-SCMVA-> <-Sym I''k rms-->

```

X----- BUS -----X          MVA      AMP      DEG
 6261 [CHA115     115.00] 3PH   759.16   3811.3  -97.30
                               LG      433.35   2175.6  -98.06
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/17.746/86.535, 16.51556  Z-:/17.750/86.566, 16.66512  Z0:/57.776/87.738, 25.31399

```

<-SCMVA-> <-Sym I''k rms-->

```

X----- BUS -----X          MVA      AMP      DEG
 6340 [CAN230     230.00] 3PH   3221.57  8086.8  -93.87
                               LG      2767.20  6946.3  -93.65
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/16.568/79.416, 5.35185  Z-:/16.587/79.757, 5.53379  Z0:/24.712/78.690, 4.99997

```

<-SCMVA-> <-Sym I''k rms-->

```

X----- BUS -----X          MVA      AMP      DEG
 6380 [BOQIII230  230.00] 3PH   3307.98  8303.7  -90.93
                               LG      2978.91  7477.7  -90.56
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/16.220/82.364, 7.45843  Z-:/16.228/82.525, 7.62105  Z0:/21.590/81.328, 6.55612

```

<-SCMVA-> <-Sym I''k rms-->

/I/ AN(I)

```

X----- BUS -----X          MVA      AMP      DEG
 6400 [FRONTCHA  230.00] 3PH    2180.27  5473.0  -92.20
                               LG      888.72  2230.9  -87.13
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/24.741/81.127, 6.40523  Z-:/24.749/81.236, 6.48638  Z0:/132.870/74.154, 3.52314

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
              /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6401 [PM230-29  230.00] 3PH    3357.62  8428.4  -94.05
                               LG      2791.62  7007.6  -92.86
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/15.956/80.706, 6.11066  Z-:/15.972/81.016, 6.32505  Z0:/25.665/77.840, 4.64089

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
              /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6440 [DOM230    230.00] 3PH    2657.09  6669.9  -91.38
                               LG      2081.06  5223.9  -87.32
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/20.164/83.156, 8.33227  Z-:/20.170/83.246, 8.44423  Z0:/37.119/74.630, 3.63792

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
              /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6441 [PRIM230   230.00] 3PH    1948.46  4891.0  -90.12
                               LG      1573.75  3950.5  -86.92
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/27.491/82.180, 7.28167  Z-:/27.496/82.244, 7.34168  Z0:/47.312/75.241, 3.79589

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
              /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6500 [FRONTDOM  230.00] 3PH    2686.71  6744.2  -90.92
                               LG      1956.63  4911.6  -86.85
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/19.961/82.698, 7.80351  Z-:/19.967/82.785, 7.89887  Z0:/42.500/74.753, 3.66875

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
              /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6520 [SBA230    230.00] 3PH    2984.78  7492.5  -98.83
                               LG      1992.29  5001.1  -98.77
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/18.289/76.116, 4.04575  Z-:/18.315/76.826, 4.27209  Z0:/45.596/75.727, 3.93095

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
              /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6521 [SBA115      115.00] 3PH    788.09   3956.5  -108.38
                               LG        0.00     0.0    0.00
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/17.238/87.030, 19.27374  Z-:/17.251/87.177, 20.28070  Z0:/0.13E+09/90.000,
9999.999

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
           /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6713 [BUR230      230.00] 3PH    2891.66  7258.7  -102.01
                               LG        2875.29  7217.6  -106.90
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/18.498/63.397, 1.99668  Z-:/18.453/65.368, 2.18096  Z0:/19.117/75.850, 3.96655

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
           /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6811 [SVC-LSA     230.00] 3PH    3702.81  9294.9  -97.62
                               LG        3403.45  8543.4  -100.87
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/14.630/69.713, 2.70530  Z-:/14.633/71.011, 2.90595  Z0:/18.566/77.078, 4.35849

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
           /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6816 [SVC-PAN2   230.00] 3PH    3153.89  7917.0  -100.39
                               LG         0.00     0.0    0.00
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/16.968/60.274, 1.75135  Z-:/16.892/62.501, 1.92108  Z0:/0.53E+09/90.000, 9999.999

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
           /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6830 [ANT230     230.00] 3PH    2484.08  6235.6  -103.62
                               LG        2100.77  5273.4  -105.43
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/21.716/71.677, 3.01958  Z-:/21.709/73.014, 3.27374  Z0:/33.633/74.963, 3.72254

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
           /I/      AN(I)

```

```

X----- BUS -----X          MVA      AMP      DEG
 6837 [CHG230     230.00] 3PH    3733.64  9372.3  -93.98
                               LG        3183.94  7992.4  -93.59
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/14.294/79.185, 5.23482  Z-:/14.314/79.602, 5.44958  Z0:/21.681/78.000, 4.70459

```

```

-----
<-SCMVA-> <-Sym I''k rms-->

```

```

X----- BUS -----X
6840 [PAN3 230 230.00] 3PH
                        LG
MVA      /I/      AN(I)
3406.74  AMP      DEG
4113.21  10325.1 -103.49
THEVENIN IMPEDANCE, X/R (OHM) Z+:/15.649/58.567, 1.63612 Z-:/15.540/61.023, 1.80572 Z0:/8.074/79.376, 5.33122

```

<-SCMVA-> <-Sym I''k rms-->

```

X----- BUS -----X
6841 [PAN3 115 115.00] 3PH
                        LG
MVA      /I/      AN(I)
2456.38  AMP      DEG
2453.54  12317.8 -110.11
THEVENIN IMPEDANCE, X/R (OHM) Z+:/5.437/63.941, 2.04498 Z-:/5.429/65.806, 2.22569 Z0:/5.521/74.938, 3.71587

```

<-SCMVA-> <-Sym I''k rms-->

```

X----- BUS -----X
6861 [CHE230 230.00] 3PH
                        LG
MVA      /I/      AN(I)
2337.58  AMP      DEG
2485.11  6238.2  -111.04
THEVENIN IMPEDANCE, X/R (OHM) Z+:/22.973/71.107, 2.92186 Z-:/22.995/72.350, 3.14291 Z0:/18.967/78.908, 5.10070

```

<-SCMVA-> <-Sym I''k rms-->

```

X----- BUS -----X
6867 [PM-2 230.00] 3PH
                        LG
MVA      /I/      AN(I)
2262.74  AMP      DEG
2331.09  5851.6  -111.43
THEVENIN IMPEDANCE, X/R (OHM) Z+:/23.687/68.552, 2.54544 Z-:/23.690/70.076, 2.75887 Z0:/21.755/77.481, 4.50379

```

<-SCMVA-> <-Sym I''k rms-->

```

X----- BUS -----X
6875 [PM-1 230.00] 3PH
                        LG
MVA      /I/      AN(I)
2262.74  AMP      DEG
2331.09  5851.6  -111.43
THEVENIN IMPEDANCE, X/R (OHM) Z+:/23.687/68.552, 2.54544 Z-:/23.690/70.076, 2.75887 Z0:/21.755/77.481, 4.50379

```

2025 DEMANDA MÁXIMA LLUVIOSA

<-SCMVA-> <-Sym I''k rms-->

X----- BUS -----X	MVA	/I/ AMP	AN(I) DEG
6000 [FRONTPRO 230.00] 3PH	3487.03	8753.2	-89.69
LG	2499.28	6273.7	-87.44
THEVENIN IMPEDANCE, X/R (OHM)	Z+:/15.386/82.470,	7.56464	Z-:/15.391/82.579, 7.67699 Z0:/33.672/78.121, 4.75403

<-SCMVA-> <-Sym I''k rms-->

X----- BUS -----X	MVA	/I/ AMP	AN(I) DEG
6001 [PAN230 230.00] 3PH	3531.11	8863.9	-100.71
LG	4169.20	10465.6	-106.14
THEVENIN IMPEDANCE, X/R (OHM)	Z+:/15.087/59.025,	1.66592	Z-:/14.997/61.357, 1.83089 Z0:/8.636/79.487, 5.38880

<-SCMVA-> <-Sym I''k rms-->

X----- BUS -----X	MVA	/I/ AMP	AN(I) DEG
6002 [PAN115 115.00] 3PH	3044.54	15284.9	-102.95
LG	3536.29	17753.7	-108.98
THEVENIN IMPEDANCE, X/R (OHM)	Z+:/4.376/58.017,	1.60136	Z-:/4.357/60.248, 1.74953 Z0:/2.709/80.064, 5.70828

<-SCMVA-> <-Sym I''k rms-->

X----- BUS -----X	MVA	/I/ AMP	AN(I) DEG
6003 [PANII230 230.00] 3PH	3430.88	8612.3	-101.74
LG	3927.84	9859.7	-107.23
THEVENIN IMPEDANCE, X/R (OHM)	Z+:/15.619/59.946,	1.72826	Z-:/15.549/62.109, 1.88939 Z0:/10.145/79.093, 5.18944

<-SCMVA-> <-Sym I''k rms-->

X----- BUS -----X	MVA	/I/ AMP	AN(I) DEG
6004 [PANII115 115.00] 3PH	2458.96	12345.0	-108.68
LG	2185.11	10970.2	-115.22
THEVENIN IMPEDANCE, X/R (OHM)	Z+:/5.398/63.850,	2.03671	Z-:/5.404/65.434, 2.18762 Z0:/7.556/78.612, 4.96466

<-SCMVA-> <-Sym I''k rms-->

X----- BUS -----X	MVA	/I/ AMP	AN(I) DEG
6005 [CHO230 230.00] 3PH	3194.88	8019.9	-102.75

LG 4287.87 10763.5 -106.69
THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.739/63.222, 1.98153 Z-:/16.556/65.860, 2.23132 Z0:/4.436/87.286, 21.09465

<-SCMVA-> <-Sym I''k rms-->
/I/ AN(I)
X----- BUS -----X MVA AMP DEG
6006 [CHO115 115.00] 3PH 2038.82 10235.8 -112.21
LG 2127.36 10680.3 -119.15
THEVENIN IMPEDANCE, X/R (OHM) Z+:/6.531/71.484, 2.98588 Z-:/6.377/74.726, 3.66180 Z0:/6.052/89.876, 460.96732

<-SCMVA-> <-Sym I''k rms-->
/I/ AN(I)
X----- BUS -----X MVA AMP DEG
6008 [LSA230 230.00] 3PH 3763.27 9446.6 -99.08
LG 3436.48 8626.3 -102.11
THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.411/70.309, 2.79425 Z-:/14.414/71.529, 2.99368 Z0:/18.587/77.095, 4.36461

<-SCMVA-> <-Sym I''k rms-->
/I/ AN(I)
X----- BUS -----X MVA AMP DEG
6009 [LSA115 115.00] 3PH 2015.20 10117.2 -106.10
LG 923.45 4636.1 -114.17
THEVENIN IMPEDANCE, X/R (OHM) Z+:/6.738/77.291, 4.43396 Z-:/6.750/77.896, 4.66312 Z0:/30.799/88.761, 46.24280

<-SCMVA-> <-Sym I''k rms-->
/I/ AN(I)
X----- BUS -----X MVA AMP DEG
6011 [MDN230 230.00] 3PH 4813.71 12083.5 -91.62
LG 4132.80 10374.2 -90.97
THEVENIN IMPEDANCE, X/R (OHM) Z+:/11.122/80.872, 6.22347 Z-:/11.130/81.158, 6.42806 Z0:/16.616/79.155, 5.21975

<-SCMVA-> <-Sym I''k rms-->
/I/ AN(I)
X----- BUS -----X MVA AMP DEG
6012 [MDN115 115.00] 3PH 2362.99 11863.2 -92.48
LG 1978.78 9934.3 -93.29
THEVENIN IMPEDANCE, X/R (OHM) Z+:/5.672/84.564, 10.50843 Z-:/5.675/84.650, 10.67758 Z0:/8.976/86.358, 15.70929

<-SCMVA-> <-Sym I''k rms-->
/I/ AN(I)
X----- BUS -----X MVA AMP DEG
6014 [PRO230 230.00] 3PH 4148.56 10413.8 -89.75

THEVENIN IMPEDANCE, X/R (OHM) LG 3466.82 8702.5 -89.04
Z+:/12.922/82.602, 7.70212 Z-:/12.928/82.741, 7.85108 Z0:/20.546/80.903, 6.24551

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6015 [PRO115 115.00] 3PH 1297.22 6512.6 -93.50
 LG 1308.68 6570.2 -93.72
THEVENIN IMPEDANCE, X/R (OHM) Z+:/10.285/87.311, 21.29058 Z-:/10.287/87.354, 21.63413 Z0:/10.013/87.925, 27.60240

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6018 [CAC115 115.00] 3PH 3015.59 15139.6 -103.10
 LG 3469.21 17417.0 -108.53
THEVENIN IMPEDANCE, X/R (OHM) Z+:/4.415/58.093, 1.60614 Z-:/4.396/60.311, 1.75395 Z0:/2.809/77.226, 4.41085

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6087 [CAL115 115.00] 3PH 1674.80 8408.2 -88.71
 LG 1206.59 6057.6 -87.79
THEVENIN IMPEDANCE, X/R (OHM) Z+:/8.053/84.915, 11.23855 Z-:/8.054/84.950, 11.31695 Z0:/17.432/83.122, 8.29037

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6173 [STR115 115.00] 3PH 1279.91 6425.7 -115.26
 LG 1520.38 7633.0 -118.49
THEVENIN IMPEDANCE, X/R (OHM) Z+:/10.041/65.192, 2.16343 Z-:/9.952/67.427, 2.40548 Z0:/5.435/76.272, 4.09341

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6179 [GUA230 230.00] 3PH 4565.72 11460.9 -93.96
 LG 4297.68 10788.1 -94.78
THEVENIN IMPEDANCE, X/R (OHM) Z+:/11.723/80.946, 6.27553 Z-:/11.736/81.299, 6.53452 Z0:/13.908/82.828, 7.94697

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6182 [VEL230 230.00] 3PH 4093.41 10275.4 -96.35

LG 3137.47 7875.7 -96.27
THEVENIN IMPEDANCE, X/R (OHM) Z+:/13.228/76.051, 4.02602 Z-:/13.245/76.751, 4.24703 Z0:/25.303/75.536, 3.87666

<-SCMVA-> <-Sym I''k rms-->
/I/ AN(I)
X----- BUS -----X MVA AMP DEG
6240 [EHIG230 230.00] 3PH 2305.18 5786.5 -106.25
LG 1991.71 4999.6 -109.28
THEVENIN IMPEDANCE, X/R (OHM) Z+:/23.256/70.788, 2.86963 Z-:/23.227/72.156, 3.10642 Z0:/34.360/77.001, 4.33176

<-SCMVA-> <-Sym I''k rms-->
/I/ AN(I)
X----- BUS -----X MVA AMP DEG
6260 [CHA230 230.00] 3PH 2583.67 6485.6 -92.82
LG 1911.08 4797.2 -91.10
THEVENIN IMPEDANCE, X/R (OHM) Z+:/20.828/81.316, 6.54706 Z-:/20.837/81.452, 6.65262 Z0:/42.850/77.857, 4.64742

<-SCMVA-> <-Sym I''k rms-->
/I/ AN(I)
X----- BUS -----X MVA AMP DEG
6261 [CHA115 115.00] 3PH 1128.60 5666.0 -97.08
LG 495.09 2485.6 -98.44
THEVENIN IMPEDANCE, X/R (OHM) Z+:/11.939/85.832, 13.72078 Z-:/11.942/85.880, 13.88362 Z0:/57.777/87.738, 25.31767

<-SCMVA-> <-Sym I''k rms-->
/I/ AN(I)
X----- BUS -----X MVA AMP DEG
6340 [CAN230 230.00] 3PH 3247.08 8150.9 -94.42
LG 2776.31 6969.1 -94.11
THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.393/79.616, 5.45736 Z-:/16.410/79.926, 5.62866 Z0:/24.718/78.699, 5.00384

<-SCMVA-> <-Sym I''k rms-->
/I/ AN(I)
X----- BUS -----X MVA AMP DEG
6380 [BOQIII230 230.00] 3PH 3494.50 8772.0 -90.81
LG 3033.62 7615.1 -90.40
THEVENIN IMPEDANCE, X/R (OHM) Z+:/15.321/82.422, 7.51672 Z-:/15.328/82.571, 7.66906 Z0:/22.300/81.353, 6.57548

<-SCMVA-> <-Sym I''k rms-->
/I/ AN(I)
X----- BUS -----X MVA AMP DEG
6400 [FRONTCHA 230.00] 3PH 2190.16 5497.8 -92.38

LG 888.99 2231.6 -87.27
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/24.598/81.173, 6.43979 Z-:/24.606/81.271, 6.51332 Z0:/132.872/74.155, 3.52334

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6401 [PM230-29 230.00] 3PH 3384.16 8495.0 -94.54
 LG 2800.92 7030.9 -93.26
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/15.797/80.892, 6.23740 Z-:/15.811/81.174, 6.44033 Z0:/25.672/77.851, 4.64520

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6440 [DOM230 230.00] 3PH 3612.95 9069.3 -90.04
 LG 2411.38 6053.1 -85.40
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.830/83.050, 8.20338 Z-:/14.834/83.157, 8.33243 Z0:/37.174/74.651, 3.64306

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6441 [PRIM230 230.00] 3PH 2390.57 6000.8 -88.47
 LG 1746.15 4383.2 -85.14
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/22.410/81.765, 6.90976 Z-:/22.413/81.833, 6.96772 Z0:/47.368/75.257, 3.80006

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6500 [FRONTDOM 230.00] 3PH 3296.10 8273.9 -89.82
 LG 2147.31 5390.2 -85.34
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.269/82.707, 7.81387 Z-:/16.274/82.800, 7.91595 Z0:/42.556/74.771, 3.67327

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6520 [SBA230 230.00] 3PH 3014.05 7565.9 -99.82
 LG 1999.23 5018.5 -99.54
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/18.097/76.505, 4.16702 Z-:/18.121/77.166, 4.38944 Z0:/45.636/75.739, 3.93440

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6521 [SBA115 115.00] 3PH 789.28 3962.6 -109.08

LG 0.00 0.0 0.00
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/17.204/87.136, 19.99123 Z-:/17.216/87.273, 20.99169 Z0:/0.13E+09/90.000, 9999.999

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6713 [BUR230 230.00] 3PH 3011.11 7558.6 -104.26
 LG 2942.36 7386.0 -108.98
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/17.776/64.156, 2.06452 Z-:/17.743/66.006, 2.24668 Z0:/19.282/75.868, 3.97169

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6811 [SVC-LSA 230.00] 3PH 3763.27 9446.6 -99.08
 LG 3436.48 8626.3 -102.11
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.411/70.309, 2.79425 Z-:/14.414/71.529, 2.99368 Z0:/18.587/77.095, 4.36461

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6816 [SVC-PAN2 230.00] 3PH 3323.16 8341.9 -102.78
 LG 0.00 0.0 0.00
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.125/60.981, 1.80266 Z-:/16.065/63.080, 1.96939 Z0:/0.53E+09/90.000, 9999.999

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6830 [ANT230 230.00] 3PH 2520.89 6328.0 -105.32
 LG 2118.02 5316.7 -106.83
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/21.409/72.358, 3.14447 Z-:/21.399/73.622, 3.40244 Z0:/33.649/74.974, 3.72522

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6837 [CHG230 230.00] 3PH 3770.58 9465.0 -94.60
 LG 3197.49 8026.4 -94.09
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.114/79.436, 5.36183 Z-:/14.132/79.815, 5.56585 Z0:/21.689/78.010, 4.70852

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG

```

6840 [PAN3 230    230.00] 3PH    3593.47    9020.4   -100.53
                                LG    4266.39    10709.6  -105.79
THEVENIN IMPEDANCE, X/R  (OHM)  Z+:/14.850/59.271, 1.68225  Z-:/14.760/61.603, 1.84972  Z0:/8.270/79.333, 5.30935

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-----
                                <-SCMVA-> <-Sym I''k rms-->
                                /I/    AN(I)
X----- BUS -----X          MVA      AMP      DEG
6841 [PAN3 115    115.00] 3PH    2505.79    12580.2  -108.08
                                LG    2484.73    12474.4  -112.17
THEVENIN IMPEDANCE, X/R  (OHM)  Z+:/5.335/64.621, 2.10799  Z-:/5.330/66.374, 2.28612  Z0:/5.526/74.929, 3.71361

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-----
                                <-SCMVA-> <-Sym I''k rms-->
                                /I/    AN(I)
X----- BUS -----X          MVA      AMP      DEG
6861 [CHE230     230.00] 3PH    2404.23    6035.2  -111.14
                                LG    2524.13    6336.1  -113.73
THEVENIN IMPEDANCE, X/R  (OHM)  Z+:/22.368/71.746, 3.03195  Z-:/22.394/72.887, 3.24798  Z0:/19.249/79.032, 5.15980

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```

-----
                                <-SCMVA-> <-Sym I''k rms-->
                                /I/    AN(I)
X----- BUS -----X          MVA      AMP      DEG
6867 [PM-2       230.00] 3PH    2442.17    6130.4  -110.74
                                LG    2371.34    5952.6  -114.07
THEVENIN IMPEDANCE, X/R  (OHM)  Z+:/21.976/69.762, 2.71243  Z-:/21.988/71.144, 2.92813  Z0:/24.067/77.922, 4.67351

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-----
                                <-SCMVA-> <-Sym I''k rms-->
                                /I/    AN(I)
X----- BUS -----X          MVA      AMP      DEG
6875 [PM-1       230.00] 3PH    2442.17    6130.4  -110.74
                                LG    2371.34    5952.6  -114.07
THEVENIN IMPEDANCE, X/R  (OHM)  Z+:/21.976/69.762, 2.71243  Z-:/21.988/71.144, 2.92813  Z0:/24.067/77.922, 4.67351
-----

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<-SCMVA-> <-Sym I''k rms-->

X----- BUS -----X	MVA	/I/ AMP	AN(I) DEG
6000 [FRONTPRO 230.00] 3PH	3485.74	8750.0	-89.67
LG	2605.06	6539.3	-87.77
THEVENIN IMPEDANCE, X/R (OHM)	Z+:/15.373/82.456, 7.55135 Z-:/15.379/82.564, 7.66173 Z0:/30.994/78.611, 4.96453		

-----<-SCMVA-> <-Sym I''k rms-->

X----- BUS -----X	MVA	/I/ AMP	AN(I) DEG
6001 [PAN230 230.00] 3PH	3541.34	8889.5	-99.98
LG	4206.52	10559.3	-105.46
THEVENIN IMPEDANCE, X/R (OHM)	Z+:/15.020/58.495, 1.63150 Z-:/14.945/60.848, 1.79282 Z0:/8.367/79.531, 5.41206		

-----<-SCMVA-> <-Sym I''k rms-->

X----- BUS -----X	MVA	/I/ AMP	AN(I) DEG
6002 [PAN115 115.00] 3PH	3052.37	15324.2	-102.27
LG	3544.92	17797.1	-108.44
THEVENIN IMPEDANCE, X/R (OHM)	Z+:/4.361/57.467, 1.56767 Z-:/4.346/59.719, 1.71261 Z0:/2.704/80.091, 5.72450		

-----<-SCMVA-> <-Sym I''k rms-->

X----- BUS -----X	MVA	/I/ AMP	AN(I) DEG
6003 [PANII230 230.00] 3PH	3439.95	8635.0	-100.98
LG	4030.93	10118.5	-106.33
THEVENIN IMPEDANCE, X/R (OHM)	Z+:/15.556/59.422, 1.69238 Z-:/15.502/61.603, 1.84969 Z0:/9.154/79.360, 5.32273		

-----<-SCMVA-> <-Sym I''k rms-->

X----- BUS -----X	MVA	/I/ AMP	AN(I) DEG
6004 [PANII115 115.00] 3PH	2462.00	12360.3	-108.05
LG	2191.61	11002.8	-114.81
THEVENIN IMPEDANCE, X/R (OHM)	Z+:/5.397/63.374, 1.99471 Z-:/5.407/64.967, 2.14124 Z0:/7.527/78.695, 5.00234		

-----<-SCMVA-> <-Sym I''k rms-->

X----- BUS -----X	MVA	/I/ AMP	AN(I) DEG
6005 [CHO230 230.00] 3PH	3205.41	8046.3	-102.19

LG 4299.83 10793.5 -106.18
THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.643/62.828, 1.94817 Z-:/16.479/65.491, 2.19343 Z0:/4.421/87.237, 20.71919

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6006 [CHO115 115.00] 3PH 2043.18 10257.6 -111.82
 LG 2128.53 10686.2 -118.87
THEVENIN IMPEDANCE, X/R (OHM) Z+:/6.500/71.237, 2.94365 Z-:/6.353/74.517, 3.60993 Z0:/6.051/89.874, 454.23126

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6008 [LSA230 230.00] 3PH 3781.82 9493.2 -98.83
 LG 3440.03 8635.2 -101.91
THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.258/70.185, 2.77531 Z-:/14.270/71.403, 2.97200 Z0:/18.566/77.077, 4.35831

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6009 [LSA115 115.00] 3PH 2015.82 10120.3 -105.95
 LG 919.87 4618.2 -114.07
THEVENIN IMPEDANCE, X/R (OHM) Z+:/6.697/77.242, 4.41633 Z-:/6.711/77.840, 4.64085 Z0:/30.796/88.761, 46.22731

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6011 [MDN230 230.00] 3PH 4816.44 12090.3 -91.59
 LG 4165.59 10456.5 -90.93
THEVENIN IMPEDANCE, X/R (OHM) Z+:/11.097/80.838, 6.20054 Z-:/11.107/81.121, 6.40120 Z0:/16.294/79.092, 5.18877

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6012 [MDN115 115.00] 3PH 2362.99 11863.2 -92.59
 LG 1981.16 9946.3 -93.43
THEVENIN IMPEDANCE, X/R (OHM) Z+:/5.666/84.522, 10.42824 Z-:/5.669/84.607, 10.59179 Z0:/8.942/86.383, 15.81903

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6014 [PRO230 230.00] 3PH 4147.88 10412.1 -89.73

LG 3674.70 9224.3 -89.60
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/12.908/82.585, 7.68379 Z-:/12.914/82.722, 7.83000 Z0:/17.888/82.167, 7.26926

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6015 [PRO115 115.00] 3PH 1296.08 6506.9 -93.49
 LG 1319.86 6626.3 -93.86
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/10.281/87.298, 21.18967 Z-:/10.283/87.340, 21.52387 Z0:/9.724/88.397, 35.72685

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6018 [CAC115 115.00] 3PH 3023.27 15178.1 -102.42
 LG 3477.25 17457.3 -108.00
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/4.400/57.546, 1.57249 Z-:/4.385/59.784, 1.71709 Z0:/2.804/77.248, 4.41853

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6087 [CAL115 115.00] 3PH 1674.08 8404.6 -88.85
 LG 1206.11 6055.2 -87.93
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/8.050/84.897, 11.19726 Z-:/8.051/84.931, 11.27386 Z0:/17.423/83.113, 8.27961

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6173 [STR115 115.00] 3PH 1277.55 6413.9 -114.83
 LG 1520.74 7634.8 -118.16
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/10.140/64.740, 2.11931 Z-:/10.058/67.005, 2.35642 Z0:/5.433/76.274, 4.09399

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6179 [GUA230 230.00] 3PH 4569.06 11469.3 -93.89
 LG 4297.67 10788.1 -94.70
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/11.694/80.913, 6.25200 Z-:/11.709/81.262, 6.50609 Z0:/13.899/82.807, 7.92337

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6182 [VEL230 230.00] 3PH 4102.87 10299.1 -96.20

LG 3138.93 7879.4 -96.14
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/13.150/75.999, 4.01047 Z-:/13.172/76.693, 4.22794 Z0:/25.244/75.506, 3.86833

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6240 [EHIG230 230.00] 3PH 2309.70 5797.9 -105.92
 LG 1990.88 4997.5 -109.03
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/23.127/70.618, 2.84243 Z-:/23.114/71.988, 3.07553 Z0:/34.351/76.993, 4.32900

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6260 [CHA230 230.00] 3PH 2583.26 6484.5 -92.77
 LG 1910.00 4794.5 -91.06
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/20.811/81.289, 6.52649 Z-:/20.822/81.423, 6.63031 Z0:/42.848/77.854, 4.64645

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6261 [CHA115 115.00] 3PH 1127.95 5662.8 -97.04
 LG 494.66 2483.4 -98.42
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/11.934/85.799, 13.61418 Z-:/11.937/85.847, 13.77213 Z0:/57.776/87.738, 25.31383

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6340 [CAN230 230.00] 3PH 3248.61 8154.7 -94.33
 LG 2775.59 6967.3 -94.04
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.363/79.572, 5.43343 Z-:/16.383/79.878, 5.60152 Z0:/24.711/78.690, 4.99978

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6380 [BOQIII230 230.00] 3PH 3493.67 8769.9 -90.78
 LG 3075.17 7719.4 -90.38
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/15.302/82.403, 7.49722 Z-:/15.310/82.549, 7.64670 Z0:/21.545/81.329, 6.55724

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6400 [FRONTCHA 230.00] 3PH 2189.47 5496.1 -92.34

LG 888.33 2229.9 -87.24
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/24.584/81.154, 6.42547 Z-:/24.593/81.251, 6.49792 Z0:/132.870/74.154, 3.52313

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6401 [PM230-29 230.00] 3PH 3384.96 8497.0 -94.47
 LG 2799.49 7027.3 -93.19
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/15.767/80.861, 6.21593 Z-:/15.784/81.140, 6.41516 Z0:/25.664/77.840, 4.64066

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6440 [DOM230 230.00] 3PH 3611.49 9065.6 -90.02
 LG 2411.37 6053.1 -85.37
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.817/83.039, 8.19083 Z-:/14.823/83.144, 8.31768 Z0:/37.115/74.629, 3.63766

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6441 [PRIM230 230.00] 3PH 2388.88 5996.6 -88.45
 LG 1745.54 4381.7 -85.12
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/22.398/81.758, 6.90325 Z-:/22.402/81.824, 6.96034 Z0:/47.308/75.240, 3.79568

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6500 [FRONTDOM 230.00] 3PH 3294.53 8270.0 -89.80
 LG 2147.05 5389.6 -85.32
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.257/82.698, 7.80361 Z-:/16.262/82.789, 7.90399 Z0:/42.497/74.752, 3.66853

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6520 [SBA230 230.00] 3PH 3018.26 7576.5 -99.67
 LG 1996.50 5011.7 -99.40
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/17.994/76.466, 4.15449 Z-:/18.024/77.121, 4.37353 Z0:/45.594/75.727, 3.93080

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6521 [SBA115 115.00] 3PH 787.17 3951.9 -108.98

LG 0.00 0.0 0.00
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/17.183/87.141, 20.02425 Z-:/17.196/87.275, 21.00754 Z0:/0.13E+09/90.000,
 9999.999

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6713 [BUR230 230.00] 3PH 3020.02 7580.9 -103.69
 LG 2954.68 7416.9 -108.53
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/17.687/63.769, 2.02946 Z-:/17.670/65.630, 2.20758 Z0:/19.116/75.854, 3.96777

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6811 [SVC-LSA 230.00] 3PH 3781.82 9493.2 -98.83
 LG 3440.03 8635.2 -101.91
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.258/70.185, 2.77531 Z-:/14.270/71.403, 2.97200 Z0:/18.566/77.077, 4.35831

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6816 [SVC-PAN2 230.00] 3PH 3332.06 8364.2 -102.04
 LG 0.00 0.0 0.00
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.060/60.478, 1.76591 Z-:/16.016/62.593, 1.92862 Z0:/0.53E+09/90.000, 9999.999

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6830 [ANT230 230.00] 3PH 2525.68 6340.0 -105.06
 LG 2116.23 5312.2 -106.62
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/21.274/72.228, 3.11992 Z-:/21.278/73.492, 3.37415 Z0:/33.633/74.963, 3.72251

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6837 [CHG230 230.00] 3PH 3773.83 9473.1 -94.50
 LG 3197.68 8026.9 -94.00
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.084/79.381, 5.33386 Z-:/14.106/79.757, 5.53387 Z0:/21.681/77.999, 4.70442

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG

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6840 [PAN3 230    230.00] 3PH    3604.23    9047.4    -99.81
                                LG    4297.38    10787.4   -105.13
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/14.782/58.746, 1.64771  Z-:/14.708/61.099, 1.81145  Z0:/8.074/79.389, 5.33767

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-----
<-SCMVA-> <-Sym I''k rms-->
                                /I/    AN(I)
X----- BUS -----X          MVA      AMP      DEG
6841 [PAN3 115    115.00] 3PH    2512.19    12612.3   -107.53
                                LG    2488.54    12493.6   -111.77
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/5.315/64.229, 2.07131  Z-:/5.315/65.994, 2.24538  Z0:/5.521/74.938, 3.71592

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-----
<-SCMVA-> <-Sym I''k rms-->
                                /I/    AN(I)
X----- BUS -----X          MVA      AMP      DEG
6861 [CHE230     230.00] 3PH    2407.68    6043.8    -110.16
                                LG    2536.12    6366.2    -112.77
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/22.298/71.488, 2.98654  Z-:/22.339/72.631, 3.19706  Z0:/18.967/78.909, 5.10130

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
                                /I/    AN(I)
X----- BUS -----X          MVA      AMP      DEG
6867 [PM-2       230.00] 3PH    2447.39    6143.5    -110.18
                                LG    2456.22    6165.6    -113.30
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/21.897/69.473, 2.67085  Z-:/21.926/70.860, 2.88133  Z0:/21.754/77.483, 4.50445

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
                                /I/    AN(I)
X----- BUS -----X          MVA      AMP      DEG
6875 [PM-1       230.00] 3PH    2447.39    6143.5    -110.18
                                LG    2456.22    6165.6    -113.30
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/21.897/69.473, 2.67085  Z-:/21.926/70.860, 2.88133  Z0:/21.754/77.483, 4.50445
-----

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2028 DEMANDA MÁXIMA LLUVIOSA

<-SCMVA-> <-Sym I''k rms-->

X----- BUS -----X	MVA	/I/ AMP	AN(I) DEG
6000 [FRONTPRO 230.00] 3PH	3499.22	8783.8	-89.82
LG	2715.18	6815.7	-87.50
THEVENIN IMPEDANCE, X/R (OHM)	Z+:/15.297/82.697, 7.80345 Z-:/15.300/82.781, 7.89425 Z0:/28.600/77.849, 4.64442		

-----<-SCMVA-> <-Sym I''k rms-->

X----- BUS -----X	MVA	/I/ AMP	AN(I) DEG
6001 [PAN230 230.00] 3PH	4134.41	10378.3	-103.03
LG	4716.55	11839.6	-108.05
THEVENIN IMPEDANCE, X/R (OHM)	Z+:/12.753/62.166, 1.89395 Z-:/12.685/64.189, 2.06757 Z0:/8.358/79.510, 5.40052		

-----<-SCMVA-> <-Sym I''k rms-->

X----- BUS -----X	MVA	/I/ AMP	AN(I) DEG
6002 [PAN115 115.00] 3PH	3442.05	17280.6	-105.43
LG	3858.81	19372.9	-111.08
THEVENIN IMPEDANCE, X/R (OHM)	Z+:/3.831/61.066, 1.80893 Z-:/3.816/62.989, 1.96165 Z0:/2.704/80.091, 5.72442		

-----<-SCMVA-> <-Sym I''k rms-->

X----- BUS -----X	MVA	/I/ AMP	AN(I) DEG
6003 [PANII230 230.00] 3PH	3991.83	10020.4	-104.10
LG	4491.19	11273.9	-108.92
THEVENIN IMPEDANCE, X/R (OHM)	Z+:/13.282/63.133, 1.97394 Z-:/13.231/64.973, 2.14188 Z0:/9.148/79.343, 5.31423		

-----<-SCMVA-> <-Sym I''k rms-->

X----- BUS -----X	MVA	/I/ AMP	AN(I) DEG
6004 [PANII115 115.00] 3PH	2695.57	13532.9	-111.03
LG	2292.64	11510.1	-116.57
THEVENIN IMPEDANCE, X/R (OHM)	Z+:/4.877/66.792, 2.33231 Z-:/4.881/68.074, 2.48429 Z0:/7.527/78.695, 5.00228		

-----<-SCMVA-> <-Sym I''k rms-->

X----- BUS -----X	MVA	/I/ AMP	AN(I) DEG
6005 [CHO230 230.00] 3PH	3565.19	8949.4	-105.15

LG 4708.27 11818.8 -108.86
THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.839/66.286, 2.27657 Z-:/14.688/68.631, 2.55581 Z0:/4.414/87.201, 20.45007

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6006 [CHO115 115.00] 3PH 2158.44 10836.3 -114.15
 LG 2196.68 11028.3 -120.44
THEVENIN IMPEDANCE, X/R (OHM) Z+:/6.099/74.013, 3.49042 Z-:/5.960/77.033, 4.34294 Z0:/6.051/89.872, 449.01889

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6008 [LSA230 230.00] 3PH 3967.47 9959.2 -100.77
 LG 3623.26 9095.2 -102.87
THEVENIN IMPEDANCE, X/R (OHM) Z+:/13.523/72.441, 3.16027 Z-:/13.520/73.431, 3.36104 Z0:/17.409/77.032, 4.34257

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6009 [LSA115 115.00] 3PH 2053.35 10308.7 -106.97
 LG 924.85 4643.2 -114.27
THEVENIN IMPEDANCE, X/R (OHM) Z+:/6.540/78.524, 4.92554 Z-:/6.548/79.000, 5.14471 Z0:/30.614/88.827, 48.84066

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6011 [MDN230 230.00] 3PH 4874.69 12236.5 -92.11
 LG 4192.39 10523.8 -91.16
THEVENIN IMPEDANCE, X/R (OHM) Z+:/10.946/81.479, 6.67454 Z-:/10.951/81.699, 6.85369 Z0:/16.295/79.118, 5.20176

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6012 [MDN115 115.00] 3PH 2385.91 11978.3 -92.84
 LG 1990.65 9993.9 -93.58
THEVENIN IMPEDANCE, X/R (OHM) Z+:/5.604/84.759, 10.90118 Z-:/5.605/84.824, 11.03952 Z0:/8.942/86.388, 15.84066

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6014 [PRO230 230.00] 3PH 4169.62 10466.7 -89.94

THEVENIN IMPEDANCE, X/R (OHM) LG 3901.16 9792.8 -89.38
Z+:/12.826/82.891, 8.01805 Z-:/12.829/82.997, 8.14068 Z0:/15.475/81.311, 6.54336

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6015 [PRO115 115.00] 3PH 1297.16 6512.3 -93.50
 LG 1332.11 6687.8 -93.84
THEVENIN IMPEDANCE, X/R (OHM) Z+:/10.261/87.387, 21.90786 Z-:/10.263/87.419, 22.18463 Z0:/9.454/88.418, 36.21819

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6018 [CAC115 115.00] 3PH 3402.90 17084.0 -105.55
 LG 3778.73 18970.9 -110.53
THEVENIN IMPEDANCE, X/R (OHM) Z+:/3.872/61.121, 1.81305 Z-:/3.858/63.030, 1.96515 Z0:/2.804/77.247, 4.41845

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6087 [CAL115 115.00] 3PH 1680.07 8434.7 -88.97
 LG 1207.60 6062.7 -88.01
THEVENIN IMPEDANCE, X/R (OHM) Z+:/8.014/84.969, 11.36018 Z-:/8.014/84.996, 11.42049 Z0:/17.423/83.114, 8.28046

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6173 [STR115 115.00] 3PH 1313.89 6596.3 -116.40
 LG 1552.94 7796.5 -119.34
THEVENIN IMPEDANCE, X/R (OHM) Z+:/9.838/66.453, 2.29470 Z-:/9.753/68.535, 2.54317 Z0:/5.433/76.274, 4.09396

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6179 [GUA230 230.00] 3PH 4631.90 11627.1 -94.52
 LG 4346.19 10909.9 -95.01
THEVENIN IMPEDANCE, X/R (OHM) Z+:/11.514/81.724, 6.87461 Z-:/11.521/81.996, 7.11133 Z0:/13.779/82.790, 7.90480

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6182 [VEL230 230.00] 3PH 4211.01 10570.5 -97.41

THEVENIN IMPEDANCE, X/R (OHM) LG 3551.75 8915.7 -96.95
Z+:/12.772/77.449, 4.49190 Z-:/12.780/78.000, 4.70481 Z0:/19.880/76.030, 4.01960

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6240 [EHIG230 230.00] 3PH 2419.63 6073.8 -107.82
 LG 2045.31 5134.2 -109.90
THEVENIN IMPEDANCE, X/R (OHM) Z+:/21.917/72.892, 3.24885 Z-:/21.884/74.023, 3.49272 Z0:/34.020/76.919, 4.30361

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6260 [CHA230 230.00] 3PH 2596.49 6517.8 -92.94
 LG 1913.85 4804.2 -91.05
THEVENIN IMPEDANCE, X/R (OHM) Z+:/20.675/81.603, 6.77436 Z-:/20.680/81.705, 6.85923 Z0:/42.841/77.850, 4.64481

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6261 [CHA115 115.00] 3PH 1129.20 5669.1 -97.02
 LG 696.32 3495.8 -97.21
THEVENIN IMPEDANCE, X/R (OHM) Z+:/11.904/85.883, 13.89381 Z-:/11.906/85.920, 14.01958 Z0:/34.105/86.188, 15.00728

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6340 [CAN230 230.00] 3PH 3289.25 8256.7 -94.88
 LG 2794.82 7015.6 -94.23
THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.127/80.321, 5.86298 Z-:/16.137/80.557, 6.01228 Z0:/24.684/78.673, 4.99213

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6380 [BOQIII230 230.00] 3PH 3513.33 8819.2 -91.01
 LG 3103.50 7790.5 -90.35
THEVENIN IMPEDANCE, X/R (OHM) Z+:/15.196/82.733, 7.84224 Z-:/15.200/82.847, 7.96816 Z0:/21.219/81.044, 6.34519

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6400 [FRONTCHA 230.00] 3PH 2196.96 5514.8 -92.43

THEVENIN IMPEDANCE, X/R (OHM) LG 888.43 2230.1 -87.16
Z+:/24.468/81.380, 6.59622 Z-:/24.472/81.453, 6.65413 Z0:/132.863/74.153, 3.52278

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6401 [PM230-29 230.00] 3PH 3421.41 8588.5 -94.95
 LG 2818.39 7074.8 -93.33
THEVENIN IMPEDANCE, X/R (OHM) Z+:/15.569/81.525, 6.71097 Z-:/15.577/81.741, 6.88909 Z0:/25.586/77.813, 4.63044

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6440 [DOM230 230.00] 3PH 3624.64 9098.6 -90.16
 LG 2965.20 7443.3 -86.66
THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.748/83.271, 8.47580 Z-:/14.750/83.353, 8.58052 Z0:/24.709/75.541, 3.87802

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6441 [PRIM230 230.00] 3PH 2393.70 6008.7 -88.50
 LG 2017.87 5065.3 -85.97
THEVENIN IMPEDANCE, X/R (OHM) Z+:/22.330/81.898, 7.02459 Z-:/22.331/81.949, 7.07004 Z0:/34.906/76.104, 4.04196

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6500 [FRONTDOM 230.00] 3PH 3304.70 8295.5 -89.91
 LG 2574.87 6463.5 -86.39
THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.191/82.900, 8.02857 Z-:/16.193/82.971, 8.11046 Z0:/30.085/75.555, 3.88216

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6520 [SBA230 230.00] 3PH 3088.47 7752.7 -100.78
 LG 2105.75 5285.9 -99.82
THEVENIN IMPEDANCE, X/R (OHM) Z+:/17.519/77.842, 4.64148 Z-:/17.531/78.362, 4.85514 Z0:/42.050/75.853, 3.96725

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6521 [SBA115 115.00] 3PH 788.22 3957.2 -109.07

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          LG          0.00          0.0          0.00
THEVENIN IMPEDANCE, X/R (OHM) Z+:/17.103/87.483, 22.75256 Z-:/17.111/87.589, 23.75045 Z0:/0.13E+09/90.000,
9999.999

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-----
          <-SCMVA-> <-Sym I''k rms-->
                        /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
 6713 [BUR230      230.00] 3PH      3365.27      8447.6      -106.64
          LG      3151.85      7911.8      -110.37
THEVENIN IMPEDANCE, X/R (OHM) Z+:/15.734/67.206, 2.37958 Z-:/15.708/68.745, 2.57079 Z0:/19.071/75.830, 3.96073

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-----
          <-SCMVA-> <-Sym I''k rms-->
                        /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
 6811 [SVC-LSA      230.00] 3PH      3967.47      9959.2      -100.77
          LG      3623.26      9095.2      -102.87
THEVENIN IMPEDANCE, X/R (OHM) Z+:/13.523/72.441, 3.16027 Z-:/13.520/73.431, 3.36104 Z0:/17.409/77.032, 4.34257

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-----
          <-SCMVA-> <-Sym I''k rms-->
                        /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
 6816 [SVC-PAN2      230.00] 3PH      3840.99      9641.7      -105.19
          LG      0.00      0.0      0.00
THEVENIN IMPEDANCE, X/R (OHM) Z+:/13.803/64.225, 2.07089 Z-:/13.760/65.998, 2.24585 Z0:/0.53E+09/90.000, 9999.999

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-----
          <-SCMVA-> <-Sym I''k rms-->
                        /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
 6830 [ANT230      230.00] 3PH      2638.80      6624.0      -106.89
          LG      2176.44      5463.3      -107.38
THEVENIN IMPEDANCE, X/R (OHM) Z+:/20.237/74.454, 3.59470 Z-:/20.220/75.490, 3.86397 Z0:/33.152/74.905, 3.70740

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-----
          <-SCMVA-> <-Sym I''k rms-->
                        /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
 6837 [CHG230      230.00] 3PH      3834.12      9624.5      -95.22
          LG      3225.85      8097.6      -94.28
THEVENIN IMPEDANCE, X/R (OHM) Z+:/13.835/80.323, 5.86459 Z-:/13.845/80.613, 6.04890 Z0:/21.661/77.984, 4.69833

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-----
          <-SCMVA-> <-Sym I''k rms-->
                        /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG

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6840 [PAN3 230    230.00] 3PH    4200.21  10543.5  -102.92
                                LG    4814.91  12086.5  -107.80
THEVENIN IMPEDANCE, X/R  (OHM)  Z+:/12.569/62.373, 1.91065  Z-:/12.501/64.396, 2.08676  Z0:/8.063/79.365, 5.32530

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-----
                                <-SCMVA-> <-Sym I''k rms-->
                                /I/    AN(I)
X----- BUS -----X          MVA      AMP      DEG
6841 [PAN3 115    115.00] 3PH    2750.03  13806.3  -110.45
                                LG    2625.71  13182.2  -113.58
THEVENIN IMPEDANCE, X/R  (OHM)  Z+:/4.810/67.619, 2.42843  Z-:/4.806/69.070, 2.61464  Z0:/5.521/74.938, 3.71588

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-----
                                <-SCMVA-> <-Sym I''k rms-->
                                /I/    AN(I)
X----- BUS -----X          MVA      AMP      DEG
6861 [CHE230     230.00] 3PH    2568.58  6447.7   -112.25
                                LG    2644.83  6639.1   -114.05
THEVENIN IMPEDANCE, X/R  (OHM)  Z+:/20.735/74.134, 3.51833  Z-:/20.749/75.024, 3.73843  Z0:/18.965/78.906, 5.09970

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-----
                                <-SCMVA-> <-Sym I''k rms-->
                                /I/    AN(I)
X----- BUS -----X          MVA      AMP      DEG
6867 [PM-2       230.00] 3PH    2860.63  7180.8   -113.00
                                LG    2707.17  6795.6   -114.88
THEVENIN IMPEDANCE, X/R  (OHM)  Z+:/18.570/73.289, 3.33084  Z-:/18.577/74.342, 3.56773  Z0:/21.751/77.479, 4.50287

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-----
                                <-SCMVA-> <-Sym I''k rms-->
                                /I/    AN(I)
X----- BUS -----X          MVA      AMP      DEG
6875 [PM-1       230.00] 3PH    2860.63  7180.8   -113.00
                                LG    2707.17  6795.6   -114.88
THEVENIN IMPEDANCE, X/R  (OHM)  Z+:/18.570/73.289, 3.33084  Z-:/18.577/74.342, 3.56773  Z0:/21.751/77.479, 4.50287
-----

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2030 DEMANDA MÁXIMA LLUVIOSA

<-SCMVA-> <-Sym I''k rms-->

X-----	BUS	-----X	MVA	/I/ AMP	AN(I) DEG
6000	[FRONTPRO	230.00] 3PH	3538.36	8882.1	-87.67
		LG	2634.33	6612.7	-85.90
THEVENIN IMPEDANCE, X/R (OHM)			Z+:/15.261/82.190,	7.29047	Z-:/15.270/82.309, 7.40455
					Z0:/30.995/78.615, 4.96633

<-SCMVA-> <-Sym I''k rms-->

X-----	BUS	-----X	MVA	/I/ AMP	AN(I) DEG
6001	[PAN230	230.00] 3PH	4050.98	10168.9	-92.76
		LG	4685.67	11762.1	-98.47
THEVENIN IMPEDANCE, X/R (OHM)			Z+:/13.649/59.057,	1.66802	Z-:/13.621/61.245, 1.82237
					Z0:/8.512/79.715, 5.51059

<-SCMVA-> <-Sym I''k rms-->

X-----	BUS	-----X	MVA	/I/ AMP	AN(I) DEG
6002	[PAN115	115.00] 3PH	3513.55	17639.6	-95.44
		LG	3957.07	19866.2	-101.86
THEVENIN IMPEDANCE, X/R (OHM)			Z+:/3.865/58.068,	1.60459	Z-:/3.864/60.141, 1.74195
					Z0:/2.701/80.078, 5.71694

<-SCMVA-> <-Sym I''k rms-->

X-----	BUS	-----X	MVA	/I/ AMP	AN(I) DEG
6003	[PANII230	230.00] 3PH	3862.19	9694.9	-93.86
		LG	4409.16	11067.9	-99.40
THEVENIN IMPEDANCE, X/R (OHM)			Z+:/14.365/59.966,	1.72965	Z-:/14.355/61.969, 1.87827
					Z0:/9.402/79.492, 5.39153

<-SCMVA-> <-Sym I''k rms-->

X-----	BUS	-----X	MVA	/I/ AMP	AN(I) DEG
6004	[PANII115	115.00] 3PH	2722.41	13667.7	-101.39
		LG	2340.12	11748.4	-108.10
THEVENIN IMPEDANCE, X/R (OHM)			Z+:/4.978/64.014,	2.05156	Z-:/4.996/65.410, 2.18522
					Z0:/7.527/78.693, 5.00147

<-SCMVA-> <-Sym I''k rms-->

X-----	BUS	-----X	MVA	/I/ AMP	AN(I) DEG
6005	[CHO230	230.00] 3PH	3546.44	8902.3	-95.84

LG 4711.85 11827.8 -99.86
THEVENIN IMPEDANCE, X/R (OHM) Z+:/15.629/63.560, 2.01096 Z-:/15.524/66.078, 2.25434 Z0:/4.442/87.334, 21.47845

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6006 [CHO115 115.00] 3PH 2204.50 11067.6 -105.57
 LG 2263.78 11365.2 -112.49
THEVENIN IMPEDANCE, X/R (OHM) Z+:/6.255/71.985, 3.07489 Z-:/6.135/75.191, 3.78253 Z0:/6.052/89.878, 468.69580

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6008 [LSA230 230.00] 3PH 3967.15 9958.4 -94.30
 LG 3585.07 8999.3 -97.33
THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.037/70.312, 2.79477 Z-:/14.064/71.439, 2.97812 Z0:/18.565/77.077, 4.35813

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6009 [LSA115 115.00] 3PH 2095.86 10522.1 -101.49
 LG 949.97 4769.3 -109.63
THEVENIN IMPEDANCE, X/R (OHM) Z+:/6.633/77.233, 4.41317 Z-:/6.650/77.777, 4.61616 Z0:/30.796/88.761, 46.22688

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6011 [MDN230 230.00] 3PH 4988.07 12521.2 -89.22
 LG 4270.45 10719.8 -88.94
THEVENIN IMPEDANCE, X/R (OHM) Z+:/10.850/80.009, 5.67632 Z-:/10.865/80.334, 5.87148 Z0:/16.307/79.132, 5.20876

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6012 [MDN115 115.00] 3PH 2404.40 12071.1 -90.87
 LG 2007.71 10079.6 -91.88
THEVENIN IMPEDANCE, X/R (OHM) Z+:/5.615/84.183, 9.81633 Z-:/5.619/84.278, 9.97919 Z0:/8.944/86.389, 15.84659

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6014 [PRO230 230.00] 3PH 4220.80 10595.1 -87.65

LG 3724.46 9349.2 -87.67
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/12.787/82.236, 7.33464 Z-:/12.796/82.388, 7.48312 Z0:/17.890/82.174, 7.27551

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6015 [PRO115 115.00] 3PH 1310.16 6577.6 -91.68
 LG 1332.75 6691.0 -92.09
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/10.247/87.169, 20.22548 Z-:/10.250/87.215, 20.55939 Z0:/9.724/88.398, 35.75467

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6018 [CAC115 115.00] 3PH 3477.65 17459.3 -95.60
 LG 3876.94 19464.0 -101.37
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/3.903/58.157, 1.61011 Z-:/3.902/60.214, 1.74712 Z0:/2.801/77.233, 4.41315

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6087 [CAL115 115.00] 3PH 1689.65 8482.8 -87.20
 LG 1215.12 6100.4 -86.36
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/8.023/84.745, 10.87142 Z-:/8.024/84.783, 10.95243 Z0:/17.424/83.115, 8.28123

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6173 [STR115 115.00] 3PH 1350.17 6778.4 -108.09
 LG 1601.52 8040.3 -111.41
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/10.018/64.713, 2.11680 Z-:/9.964/66.907, 2.34528 Z0:/5.430/76.264, 4.09111

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6179 [GUA230 230.00] 3PH 4852.97 12182.0 -91.46
 LG 4472.39 11226.7 -92.91
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/11.182/79.614, 5.45633 Z-:/11.205/80.052, 5.70155 Z0:/14.029/83.031, 8.18064

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6182 [VEL230 230.00] 3PH 4263.15 10701.4 -92.79

LG 3233.08 8115.7 -92.91
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/12.922/75.605, 3.89620 Z-:/12.952/76.289, 4.09870 Z0:/25.244/75.514, 3.87049

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6240 [EHIG230 230.00] 3PH 2458.59 6171.6 -100.40
 LG 2095.02 5258.9 -103.31
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/22.547/71.095, 2.91986 Z-:/22.565/72.345, 3.14190 Z0:/34.354/76.996, 4.33020

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6260 [CHA230 230.00] 3PH 2793.56 7012.5 -92.17
 LG 1974.38 4956.1 -91.15
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/19.476/80.208, 5.79403 Z-:/19.498/80.424, 5.92737 Z0:/43.711/78.168, 4.77327

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6261 [CHA115 115.00] 3PH 1166.52 5856.4 -97.23
 LG 501.15 2516.0 -98.87
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/11.638/85.469, 12.61977 Z-:/11.645/85.542, 12.82733 Z0:/58.001/87.760, 25.56136

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6340 [CAN230 230.00] 3PH 3774.53 9474.9 -92.56
 LG 2956.72 7422.0 -93.60
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.347/77.288, 4.43298 Z-:/14.382/77.798, 4.62429 Z0:/26.221/79.192, 5.23830

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6380 [BOQIII230 230.00] 3PH 3567.28 8954.7 -88.75
 LG 3124.98 7844.4 -88.52
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/15.133/81.997, 7.11269 Z-:/15.145/82.162, 7.26475 Z0:/21.548/81.340, 6.56545

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6400 [FRONTCHA 230.00] 3PH 2318.69 5820.4 -91.89

THEVENIN IMPEDANCE, X/R (OHM) LG 904.44 2270.3 -87.39
Z+:/23.466/80.386, 5.90386 Z-:/23.484/80.539, 6.00074 Z0:/133.727/74.280, 3.55292

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6401 [PM230-29 230.00] 3PH 3655.41 9175.9 -92.50
 LG 2916.14 7320.2 -91.99
THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.847/79.439, 5.36358 Z-:/14.874/79.822, 5.57011 Z0:/26.115/78.134, 4.75932

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6440 [DOM230 230.00] 3PH 3657.51 9181.1 -87.89
 LG 2434.39 6110.8 -83.35
THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.738/82.830, 7.94922 Z-:/14.745/82.943, 8.07753 Z0:/37.115/74.634, 3.63898

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6441 [PRIM230 230.00] 3PH 2413.43 6058.2 -86.38
 LG 1760.32 4418.8 -83.12
THEVENIN IMPEDANCE, X/R (OHM) Z+:/22.324/81.620, 6.78802 Z-:/22.330/81.691, 6.84726 Z0:/47.309/75.245, 3.79680

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6500 [FRONTDOM 230.00] 3PH 3334.56 8370.5 -87.73
 LG 2166.75 5439.0 -83.35
THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.177/82.507, 7.60290 Z-:/16.184/82.606, 7.70575 Z0:/42.497/74.757, 3.66969

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6520 [SBA230 230.00] 3PH 3129.11 7854.8 -95.94
 LG 2057.54 5164.9 -95.73
THEVENIN IMPEDANCE, X/R (OHM) Z+:/17.806/76.337, 4.11375 Z-:/17.846/76.959, 4.31731 Z0:/45.590/75.727, 3.93093

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6521 [SBA115 115.00] 3PH 806.61 4049.5 -105.32

LG 0.00 0.0 0.00
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/17.144/87.138, 20.00213 Z-:/17.159/87.262, 20.91213 Z0:/0.13E+09/90.000, 9999.999

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6713 [BUR230 230.00] 3PH 3357.00 8426.8 -97.09
 LG 3189.53 8006.4 -101.84
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.528/64.513, 2.09772 Z-:/16.549/66.198, 2.26706 Z0:/19.323/75.976, 4.00373

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6811 [SVC-LSA 230.00] 3PH 3967.15 9958.4 -94.30
 LG 3585.07 8999.3 -97.33
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.037/70.312, 2.79477 Z-:/14.064/71.439, 2.97812 Z0:/18.565/77.077, 4.35813

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6816 [SVC-PAN2 230.00] 3PH 3730.62 9364.7 -94.98
 LG 0.00 0.0 0.00
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.872/61.088, 1.81058 Z-:/14.872/63.023, 1.96452 Z0:/0.53E+09/90.000, 9999.999

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6830 [ANT230 230.00] 3PH 2673.64 6711.4 -99.90
 LG 2218.67 5569.4 -101.25
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/20.838/72.658, 3.20238 Z-:/20.866/73.812, 3.44460 Z0:/33.639/74.968, 3.72381

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6836 [CHG500 500.00] 3PH 4064.33 4693.1 -94.92
 LG 1702.82 1966.2 64.05
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/63.998/74.821, 3.68602 Z-:/64.221/75.722, 3.92947 Z0:/580.043/-88.603, 41.01490

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG

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6837 [CHG230      230.00] 3PH   4718.97  11845.6  -92.14
                                LG   3440.55  8636.5   -93.56
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/11.488/76.087, 4.03694  Z-:/11.527/76.792, 4.26069  Z0:/24.264/78.519, 4.92367

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
                                /I/   AN(I)
X----- BUS -----X          MVA     AMP     DEG
6839 [PAN3 500      500.00] 3PH   3832.04  4424.9  -95.64
                                LG   1709.84  1974.3   52.09
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/68.272/66.185, 2.26572  Z-:/68.425/67.852, 2.45685  Z0:/580.043/-88.603, 41.01490

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
                                /I/   AN(I)
X----- BUS -----X          MVA     AMP     DEG
6840 [PAN3 230      230.00] 3PH   4115.84  10331.7 -92.58
                                LG   4766.26  11964.3 -98.21
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/13.444/59.238, 1.68004  Z-:/13.416/61.426, 1.83613  Z0:/8.333/79.634, 5.46672

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
                                /I/   AN(I)
X----- BUS -----X          MVA     AMP     DEG
6841 [PAN3 115      115.00] 3PH   2823.36  14174.5 -100.97
                                LG   2708.94  13600.1 -104.98
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/4.869/65.201, 2.16426  Z-:/4.879/66.770, 2.32984  Z0:/5.519/74.929, 3.71368

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
                                /I/   AN(I)
X----- BUS -----X          MVA     AMP     DEG
6851 [REACTOR1    500.00] 3PH   4064.33  4693.1  -94.92
                                LG   1702.82  1966.2   64.05
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/63.998/74.821, 3.68602  Z-:/64.221/75.722, 3.92947  Z0:/580.043/-88.603, 41.01490

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
                                /I/   AN(I)
X----- BUS -----X          MVA     AMP     DEG
6852 [REACTOR2    500.00] 3PH   3832.04  4424.9  -95.64
                                LG   1709.84  1974.3   52.09
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/68.272/66.185, 2.26572  Z-:/68.425/67.852, 2.45685  Z0:/580.043/-88.603, 41.01490

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
                                /I/   AN(I)
X----- BUS -----X          MVA     AMP     DEG

```

```

6853 [REACTOR3      500.00] 3PH      4064.33      4693.1      -94.92
                                LG      1702.82      1966.2       64.05
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/63.998/74.821, 3.68602  Z-:/64.221/75.722, 3.92947  Z0:/580.043/-88.603, 41.01490

```

```

-----
                                <-SCMVA-> <-Sym I''k rms-->
                                /I/      AN(I)
X----- BUS -----X          MVA      AMP      DEG
6854 [REACTOR4      500.00] 3PH      3832.04      4424.9      -95.64
                                LG      1709.84      1974.3       52.09
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/68.272/66.185, 2.26572  Z-:/68.425/67.852, 2.45685  Z0:/580.043/-88.603, 41.01490

```

```

-----
                                <-SCMVA-> <-Sym I''k rms-->
                                /I/      AN(I)
X----- BUS -----X          MVA      AMP      DEG
6861 [CHE230        230.00] 3PH      2582.89      6483.6      -103.15
                                LG      2683.49      6736.1      -105.58
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/21.427/72.175, 3.10994  Z-:/21.489/73.170, 3.30599  Z0:/19.036/78.969, 5.12953

```

```

-----
                                <-SCMVA-> <-Sym I''k rms-->
                                /I/      AN(I)
X----- BUS -----X          MVA      AMP      DEG
6867 [PM-2          230.00] 3PH      2556.31      6416.9      -103.08
                                LG      2553.26      6409.2      -106.09
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/21.719/69.815, 2.72017  Z-:/21.780/71.064, 2.91475  Z0:/21.851/77.554, 4.53086

```

```

-----
                                <-SCMVA-> <-Sym I''k rms-->
                                /I/      AN(I)
X----- BUS -----X          MVA      AMP      DEG
6875 [PM-1          230.00] 3PH      2556.31      6416.9      -103.08
                                LG      2553.26      6409.2      -106.09
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/21.719/69.815, 2.72017  Z-:/21.780/71.064, 2.91475  Z0:/21.851/77.554, 4.53086
-----

```