

Tomo III - Anexo - 6
Reportes de Cortocircuito

2018 DEMANDA MÁXIMA LLUVIOSA

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                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6001 [PAN230      230.00] 3PH    3232.64  8114.6  -130.21
                        LG      3598.14  9032.1  -134.43
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/16.583/66.164, 2.26350  Z-:/16.396/67.555, 2.42077  Z0:/11.955/80.170, 5.77108

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                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6002 [PAN115      115.00] 3PH    3063.35  15379.3 -131.85
                        LG      3395.22  17045.5 -136.84
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/4.334/64.636, 2.10941  Z-:/4.292/65.880, 2.23343  Z0:/3.198/81.475, 6.67091

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                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6003 [PANII230    230.00] 3PH    3167.72  7951.7  -131.08
                        LG      3512.74  8817.7  -134.67
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/17.098/67.434, 2.40631  Z-:/16.943/68.643, 2.55729  Z0:/12.390/79.241, 5.26284

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                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6004 [PANIII115   115.00] 3PH    2104.95  10567.8 -137.15
                        LG      2334.17  11718.5 -140.88
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/6.319/70.131, 2.76715  Z-:/6.294/70.973, 2.89985  Z0:/4.563/83.034, 8.18467

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                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6005 [CHO230      230.00] 3PH    2975.27  7468.6  -129.89
                        LG      3487.26  8753.8  -134.14
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/17.942/68.375, 2.52251  Z-:/17.690/69.990, 2.74599  Z0:/10.578/84.309, 10.03373

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                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6006 [CHO115      115.00] 3PH    1628.18  8174.2  -139.03
                        LG      2903.08  14574.7 -137.99
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/8.177/75.861, 3.96970  Z-:/7.929/78.324, 4.83892  Z0:/2.416/-89.991, 6397.8682

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                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6008 [LSA230      230.00] 3PH    3536.04  8876.2  -123.62

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THEVENIN IMPEDANCE, X/R (OHM) LG 3316.38 8324.8 -125.10
Z+:/15.073/74.200, 3.53404 Z-:/15.004/74.973, 3.72505 Z0:/18.152/77.491, 4.50732

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6009 [LSA115 115.00] 3PH 1694.03 8504.8 -130.28
 LG 1396.01 7008.6 -133.54
THEVENIN IMPEDANCE, X/R (OHM) Z+:/7.888/79.134, 5.20951 Z-:/7.881/79.480, 5.38477 Z0:/12.996/86.121, 14.74918

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6011 [MDN230 230.00] 3PH 3577.19 8979.5 -111.06
 LG 4826.10 12114.6 -109.37
THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.714/81.024, 6.33104 Z-:/14.703/81.187, 6.45007 Z0:/3.439/64.001, 2.05037

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6012 [MDN115 115.00] 3PH 1969.50 9887.8 -110.55
 LG 1278.87 6420.5 42.33
THEVENIN IMPEDANCE, X/R (OHM) Z+:/6.694/84.901, 11.20712 Z-:/6.693/84.958, 11.33452 Z0:/43.277/-76.076, 4.03345

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6014 [PRO230 230.00] 3PH 2812.03 7058.8 -107.21
 LG 2929.24 7353.0 -107.49
THEVENIN IMPEDANCE, X/R (OHM) Z+:/18.979/82.298, 7.39375 Z-:/18.974/82.350, 7.44492 Z0:/16.707/83.150, 8.32439

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6015 [PRO115 115.00] 3PH 1047.18 5257.3 -111.55
 LG 1961.38 9847.0 -110.74
THEVENIN IMPEDANCE, X/R (OHM) Z+:/12.705/86.704, 17.36509 Z-:/12.705/86.724, 17.47080 Z0:/5.070/-89.988, 4804.4224

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6018 [CAC115 115.00] 3PH 3010.86 15115.8 -132.13
 LG 3319.54 16665.5 -136.58
THEVENIN IMPEDANCE, X/R (OHM) Z+:/4.407/64.815, 2.12655 Z-:/4.365/66.035, 2.24977 Z0:/3.292/79.541, 5.41705

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6087 [CAL115 115.00] 3PH 1527.05 7666.5 -106.99

LG 1563.21 7848.0 -87.23
THEVENIN IMPEDANCE, X/R (OHM) Z+:/8.716/85.314, 12.19875 Z-:/8.715/85.339, 12.26418 Z0:/10.878/32.713, 0.64232

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6096 [FOR230 230.00] 3PH 3395.69 8523.9 -111.36
 LG 3858.91 9686.7 -111.69
THEVENIN IMPEDANCE, X/R (OHM) Z+:/15.522/81.560, 6.73901 Z-:/15.512/81.707, 6.86020 Z0:/9.944/82.660, 7.76365

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6173 [STR115 115.00] 3PH 1854.65 9311.2 -143.63
 LG 1856.60 9320.9 -143.42
THEVENIN IMPEDANCE, X/R (OHM) Z+:/7.111/75.345, 3.82404 Z-:/7.010/76.350, 4.11783 Z0:/7.193/73.754, 3.43164

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6179 [GUA230 230.00] 3PH 3523.60 8845.0 -112.57
 LG 3625.23 9100.1 -112.69
THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.933/82.001, 7.11583 Z-:/14.922/82.164, 7.26667 Z0:/13.687/82.184, 7.28459

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6182 [VEL230 230.00] 3PH 3676.73 9229.4 -117.94
 LG 3111.81 7811.3 -116.51
THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.333/78.453, 4.89451 Z-:/14.305/78.872, 5.08383 Z0:/22.195/74.913, 3.70939

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6240 [EHIG230 230.00] 3PH 2398.16 6019.9 -128.77
 LG 2010.69 5047.3 -131.43
THEVENIN IMPEDANCE, X/R (OHM) Z+:/22.149/72.014, 3.08029 Z-:/22.003/72.965, 3.26366 Z0:/35.173/77.414, 4.47902

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6260 [CHA230 230.00] 3PH 2250.63 5649.6 -107.17
 LG 1988.15 4990.7 -106.68
THEVENIN IMPEDANCE, X/R (OHM) Z+:/23.748/82.418, 7.51268 Z-:/23.744/82.455, 7.55016 Z0:/33.164/81.199, 6.45865

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6261 [CHA115 115.00] 3PH 721.61 3622.8 -110.76

THEVENIN IMPEDANCE, X/R (OHM) LG 1161.22 5829.8 -110.49
Z+:/18.327/87.188, 20.35596 Z-:/18.327/87.197, 20.42113 Z0:/2.493/-88.945, 54.32426

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6340 [CAN230 230.00] 3PH 1968.17 4940.5 -109.95
 LG 1760.47 4419.2 -109.25
THEVENIN IMPEDANCE, X/R (OHM) Z+:/26.853/81.163, 6.43206 Z-:/26.845/81.230, 6.48181 Z0:/36.377/79.376, 5.33083

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6380 [BOQIII230 230.00] 3PH 2835.66 7118.1 -108.43
 LG 2727.74 6847.2 -106.46
THEVENIN IMPEDANCE, X/R (OHM) Z+:/18.674/81.445, 6.64781 Z-:/18.666/81.527, 6.71279 Z0:/20.962/75.886, 3.97715

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6440 [DOM230 230.00] 3PH 2284.55 5734.7 -109.92
 LG 620.24 1556.9 -104.79
THEVENIN IMPEDANCE, X/R (OHM) Z+:/23.395/82.895, 8.02243 Z-:/23.390/82.944, 8.07888 Z0:/211.962/76.632, 4.20802

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6441 [PRIM230 230.00] 3PH 1677.14 4210.0 -108.71
 LG 543.04 1363.2 -104.69
THEVENIN IMPEDANCE, X/R (OHM) Z+:/31.868/81.683, 6.84034 Z-:/31.863/81.719, 6.87039 Z0:/231.735/76.561, 4.18505

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6460 [ECO230 230.00] 3PH 2665.98 6692.2 -128.67
 LG 2113.99 5306.6 -128.24
THEVENIN IMPEDANCE, X/R (OHM) Z+:/20.226/76.390, 4.13025 Z-:/20.161/77.026, 4.34031 Z0:/36.143/75.118, 3.76290

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6520 [SBA230 230.00] 3PH 2812.45 7059.9 -121.81
 LG 2100.71 5273.3 -121.29
THEVENIN IMPEDANCE, X/R (OHM) Z+:/18.797/78.808, 5.05426 Z-:/18.761/79.225, 5.25450 Z0:/37.945/77.557, 4.53199

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6521 [SBA115 115.00] 3PH 760.35 3817.3 -129.08

LG 800.63 4019.5 -128.64
THEVENIN IMPEDANCE, X/R (OHM) Z+:/17.370/87.550, 23.37100 Z-:/17.367/87.644, 24.30624 Z0:/14.756/85.957, 14.14833

<-SCMVA-> <-Sym I''k rms-->
/I/ AN(I)
X----- BUS -----X MVA AMP DEG
6550 [BEV230 230.00] 3PH 2915.58 7318.7 -118.49
LG 2345.05 5886.6 -116.67
THEVENIN IMPEDANCE, X/R (OHM) Z+:/18.096/78.341, 4.84626 Z-:/18.066/78.690, 5.00000 Z0:/31.382/74.215, 3.53740

<-SCMVA-> <-Sym I''k rms-->
/I/ AN(I)
X----- BUS -----X MVA AMP DEG
6713 [BUR230 230.00] 3PH 1939.93 4869.7 -135.71
LG 1567.01 3933.5 -136.20
THEVENIN IMPEDANCE, X/R (OHM) Z+:/27.966/74.195, 3.53264 Z-:/27.868/74.894, 3.70462 Z0:/48.032/74.851, 3.69369

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                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6001 [PAN230      230.00] 3PH    2558.01  6421.2  -110.64
                        LG      3023.34  7589.2  -114.45
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/21.373/58.407, 1.62589  Z-:/21.283/58.580, 1.63700  Z0:/12.010/75.574, 3.88744

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                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6002 [PAN115      115.00] 3PH    2596.13  13033.7 -112.56
                        LG      1116.65  5606.1  -134.76
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/5.147/57.196, 1.55144  Z-:/5.130/57.364, 1.56146  Z0:/26.662/87.730, 25.23187

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                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6003 [PANII230    230.00] 3PH    2387.92  5994.2  -111.26
                        LG      2688.26  6748.1  -115.43
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/23.085/59.001, 1.66431  Z-:/22.985/59.176, 1.67589  Z0:/15.907/75.096, 3.75721

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                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6004 [PANIII115   115.00] 3PH    1973.18  9906.2  -116.80
                        LG      951.46  4776.7  -133.24
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/6.736/62.046, 1.88434  Z-:/6.717/62.206, 1.89712  Z0:/29.248/85.932, 14.05955

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                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6005 [CHO230      230.00] 3PH    2501.11  6278.3  -110.44
                        LG      3615.83  9076.5  -111.69
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/21.748/61.280, 1.82506  Z-:/21.655/61.453, 1.83818  Z0:/1.949/89.623, 152.12878

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                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6006 [CHO115      115.00] 3PH    1646.59  8266.6  -119.99
                        LG      2062.89  10356.6 -123.42
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/8.249/69.593, 2.68786  Z-:/8.230/69.734, 2.70830  Z0:/3.441/89.308, 82.73883

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                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6008 [LSA230      230.00] 3PH    3487.40  8754.1  -104.28

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LG 2398.97 6021.9 -106.92
THEVENIN IMPEDANCE, X/R (OHM) Z+:/15.371/69.669, 2.69880 Z-:/15.265/69.866, 2.72760 Z0:/36.453/74.436, 3.59031

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6009 [LSA115 115.00] 3PH 1800.64 9040.0 -112.94
 LG 0.00 0.0 0.00
THEVENIN IMPEDANCE, X/R (OHM) Z+:/7.452/76.554, 4.18266 Z-:/7.430/76.687, 4.22593 Z0:/0.13E+09/90.000, 9999.999

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6011 [MDN230 230.00] 3PH 4264.04 10703.7 -93.56
 LG 1430.15 3590.0 -87.84
THEVENIN IMPEDANCE, X/R (OHM) Z+:/12.502/81.925, 7.04804 Z-:/12.488/81.968, 7.08669 Z0:/86.996/74.556, 3.61958

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6012 [MDN115 115.00] 3PH 2243.40 11262.8 -92.92
 LG 0.00 0.0 0.00
THEVENIN IMPEDANCE, X/R (OHM) Z+:/5.952/85.315, 12.20142 Z-:/5.950/85.331, 12.24523 Z0:/0.13E+09/90.000, 9999.999

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6014 [PRO230 230.00] 3PH 3428.64 8606.6 -92.00
 LG 1026.76 2577.4 -84.95
THEVENIN IMPEDANCE, X/R (OHM) Z+:/15.627/82.884, 8.01018 Z-:/15.618/82.906, 8.03545 Z0:/125.599/74.073, 3.50417

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6015 [PRO115 115.00] 3PH 1220.58 6127.8 -96.26
 LG 0.00 0.0 0.00
THEVENIN IMPEDANCE, X/R (OHM) Z+:/10.965/87.178, 20.28853 Z-:/10.963/87.187, 20.35184 Z0:/0.13E+09/90.000, 9999.999

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6018 [CAC115 115.00] 3PH 2565.92 12882.0 -112.94
 LG 1102.45 5534.8 -134.80
THEVENIN IMPEDANCE, X/R (OHM) Z+:/5.206/57.473, 1.56806 Z-:/5.189/57.639, 1.57811 Z0:/26.972/87.547, 23.33996

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6087 [CAL115 115.00] 3PH 1649.85 8283.0 -89.02

LG 869.59 4365.7 -92.07
THEVENIN IMPEDANCE, X/R (OHM) Z+:/8.163/85.315, 12.20123 Z-:/8.162/85.321, 12.21731 Z0:/30.173/90.000, 9999.999

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6096 [FOR230 230.00] 3PH 4344.02 10904.4 -94.16
 LG 1473.89 3699.8 -88.30
THEVENIN IMPEDANCE, X/R (OHM) Z+:/12.358/82.920, 8.05186 Z-:/12.346/82.960, 8.09792 Z0:/84.736/75.348, 3.82470

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6173 [STR115 115.00] 3PH 1782.96 8951.2 -128.70
 LG 0.00 0.0 0.00
THEVENIN IMPEDANCE, X/R (OHM) Z+:/7.438/72.214, 3.11732 Z-:/7.432/72.287, 3.13103 Z0:/0.13E+09/90.000, 9999.999

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6179 [GUA230 230.00] 3PH 3843.34 9647.6 -95.34
 LG 1464.95 3677.3 -90.34
THEVENIN IMPEDANCE, X/R (OHM) Z+:/13.879/82.229, 7.32763 Z-:/13.863/82.277, 7.37368 Z0:/81.638/75.520, 3.87238

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6182 [VEL230 230.00] 3PH 3799.25 9536.9 -100.13
 LG 1927.20 4837.7 -99.18
THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.003/76.579, 4.19079 Z-:/13.954/76.705, 4.23179 Z0:/54.866/75.114, 3.76196

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6240 [EHIG230 230.00] 3PH 2217.05 5565.3 -110.46
 LG 2006.09 5035.7 -113.10
THEVENIN IMPEDANCE, X/R (OHM) Z+:/24.225/67.120, 2.36964 Z-:/24.130/67.274, 2.38753 Z0:/32.082/73.604, 3.39852

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6260 [CHA230 230.00] 3PH 1984.89 4982.5 -92.75
 LG 1042.69 2617.4 -92.33
THEVENIN IMPEDANCE, X/R (OHM) Z+:/27.299/81.307, 6.54055 Z-:/27.291/81.318, 6.54893 Z0:/101.313/80.662, 6.08141

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6261 [CHA115 115.00] 3PH 779.47 3913.3 -97.23

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      LG      738.74   3708.8   -96.62
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/17.309/86.913, 18.54157  Z-:/17.308/86.916, 18.56074  Z0:/20.178/85.251, 12.03598
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      <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6340 [CAN230      230.00] 3PH   1980.83  4972.3  -93.85
                        LG      971.62  2439.0  -90.64
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/27.078/81.007, 6.31851  Z-:/27.065/81.026, 6.33212  Z0:/111.592/76.241, 4.08381
-----
      <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6380 [BOQIII230  230.00] 3PH   3131.08  7859.7  -92.78
                        LG      1072.85  2693.1  -86.13
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/17.070/82.829, 7.94769  Z-:/17.060/82.853, 7.97502  Z0:/115.622/74.211, 3.53647
-----
      <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6440 [DOM230      230.00] 3PH   2566.62  6442.8  -93.65
                        LG      1067.91  2680.7  -87.24
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/20.852/83.260, 8.46146  Z-:/20.844/83.276, 8.48153  Z0:/109.012/74.400, 3.58165
-----
      <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6441 [PRIM230    230.00] 3PH   1902.18  4774.9  -92.39
                        LG         0.00     0.0     0.00
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/28.146/82.289, 7.38572  Z-:/28.138/82.300, 7.39614  Z0:/0.53E+09/90.000, 9999.999
-----
      <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6460 [ECO230      230.00] 3PH   2569.64  6450.4  -110.20
                        LG      1799.43  4517.0  -111.40
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/21.063/71.891, 3.05790  Z-:/20.812/72.134, 3.10227  Z0:/48.374/74.023, 3.49277
-----
      <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6520 [SBA230      230.00] 3PH   2842.63  7135.6  -104.11
                        LG      1747.08  4385.6  -103.98
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/18.739/76.627, 4.20619  Z-:/18.674/76.753, 4.24789  Z0:/54.056/76.369, 4.12362
-----
      <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6521 [SBA115      115.00] 3PH    736.64  3698.2  -113.04

```

THEVENIN IMPEDANCE, X/R (OHM) LG 755.89 3794.9 -112.24
Z+:/18.128/87.018, 19.19850 Z-:/18.116/87.054, 19.43307 Z0:/16.767/84.452, 10.29523

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6713 [BUR230 230.00] 3PH 1703.13 4275.2 -117.57
 LG 1419.59 3563.5 -120.31
THEVENIN IMPEDANCE, X/R (OHM) Z+:/32.261/68.011, 2.47644 Z-:/32.140/68.170, 2.49636 Z0:/51.868/74.047, 3.49835

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<-SCMVA-> <-Sym I''k rms-->
                /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
6001 [PAN230      230.00] 3PH  2378.34  5970.1  -119.41
                LG      2987.74  7499.9  -125.21
THEVENIN IMPEDANCE, X/R (OHM) Z+:/22.792/52.787, 1.31681 Z-:/22.519/55.551, 1.45780 Z0:/9.905/79.257, 5.27041

```

```

<-SCMVA-> <-Sym I''k rms-->
                /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
6002 [PAN115      115.00] 3PH  2333.85  11717.0 -121.74
                LG      2766.64  13889.7 -129.17
THEVENIN IMPEDANCE, X/R (OHM) Z+:/5.740/51.635, 1.26327 Z-:/5.690/54.165, 1.38474 Z0:/3.395/80.274, 5.83449

```

```

<-SCMVA-> <-Sym I''k rms-->
                /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
6003 [PANII230    230.00] 3PH  2236.84  5615.0  -120.17
                LG      2807.95  7048.6  -125.64
THEVENIN IMPEDANCE, X/R (OHM) Z+:/24.514/53.483, 1.35057 Z-:/24.298/56.007, 1.48294 Z0:/10.546/78.844, 5.07077

```

```

<-SCMVA-> <-Sym I''k rms-->
                /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
6004 [PANIII115   115.00] 3PH  1877.03  9423.5  -126.06
                LG      1687.34  8471.2  -135.97
THEVENIN IMPEDANCE, X/R (OHM) Z+:/7.138/56.605, 1.51689 Z-:/7.121/58.694, 1.64429 Z0:/9.981/79.236, 5.26028

```

```

<-SCMVA-> <-Sym I''k rms-->
                /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
6005 [CHO230      230.00] 3PH  2379.53  5973.1  -119.34
                LG      3306.10  8299.0  -123.53
THEVENIN IMPEDANCE, X/R (OHM) Z+:/22.666/56.227, 1.49531 Z-:/22.291/59.317, 1.68535 Z0:/4.552/87.633, 24.19590

```

```

<-SCMVA-> <-Sym I''k rms-->
                /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
6006 [CHO115      115.00] 3PH  1703.08  8550.2  -129.03
                LG      1898.60  9531.8  -137.28
THEVENIN IMPEDANCE, X/R (OHM) Z+:/7.911/64.884, 2.13326 Z-:/7.682/68.556, 2.54588 Z0:/6.059/89.889, 515.73962

```

```

<-SCMVA-> <-Sym I''k rms-->
                /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
6008 [LSA230      230.00] 3PH  3488.70  8757.4  -112.93
                LG      3251.34  8161.6  -117.65

```

THEVENIN IMPEDANCE, X/R (OHM) Z+:/15.236/66.013, 2.24743 Z-:/15.211/67.669, 2.43451 Z0:/18.786/77.046, 4.34732

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6009 [LSA115 115.00] 3PH 1790.45 8988.8 -123.20
 LG 880.70 4421.5 -132.96
THEVENIN IMPEDANCE, X/R (OHM) Z+:/7.444/74.477, 3.60016 Z-:/7.463/75.269, 3.80327 Z0:/30.787/88.746, 45.67760

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6011 [MDN230 230.00] 3PH 4502.41 11302.0 -101.26
 LG 3975.94 9980.5 -100.40
THEVENIN IMPEDANCE, X/R (OHM) Z+:/11.706/81.426, 6.63232 Z-:/11.713/81.688, 6.84452 Z0:/16.357/79.154, 5.21921

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6012 [MDN115 115.00] 3PH 2240.13 11246.4 -100.98
 LG 1909.71 9587.6 -101.41
THEVENIN IMPEDANCE, X/R (OHM) Z+:/5.892/85.442, 12.54448 Z-:/5.894/85.525, 12.77647 Z0:/8.949/86.387, 15.83898

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6014 [PRO230 230.00] 3PH 3612.17 9067.3 -99.94
 LG 3359.14 8432.2 -99.72
THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.726/82.743, 7.85314 Z-:/14.731/82.870, 7.99479 Z0:/18.050/82.082, 7.18977

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6015 [PRO115 115.00] 3PH 1236.62 6208.4 -104.38
 LG 1276.13 6406.7 -104.75
THEVENIN IMPEDANCE, X/R (OHM) Z+:/10.740/87.220, 20.59684 Z-:/10.742/87.263, 20.91969 Z0:/9.742/88.368, 35.08971

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6018 [CAC115 115.00] 3PH 2320.11 11648.0 -121.95
 LG 2748.08 13796.6 -129.20
THEVENIN IMPEDANCE, X/R (OHM) Z+:/5.770/51.735, 1.26780 Z-:/5.721/54.243, 1.38875 Z0:/3.407/79.624, 5.46129

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6087 [CAL115 115.00] 3PH 1611.73 8091.6 -96.82
 LG 1176.17 5904.9 -95.72

THEVENIN IMPEDANCE, X/R (OHM) Z+:/8.252/85.279, 12.10862 Z-:/8.253/85.314, 12.19842 Z0:/17.425/83.116, 8.28325

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6096 [FOR230 230.00] 3PH 4756.87 11940.8 -101.61
 LG 4813.38 12082.6 -102.33
THEVENIN IMPEDANCE, X/R (OHM) Z+:/11.157/82.671, 7.77504 Z-:/11.163/82.905, 8.03380 Z0:/10.762/84.640, 10.65788

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6173 [STR115 115.00] 3PH 1735.34 8712.2 -140.92
 LG 2142.31 10755.3 -143.29
THEVENIN IMPEDANCE, X/R (OHM) Z+:/7.690/69.340, 2.65205 Z-:/7.603/70.970, 2.89932 Z0:/3.427/78.710, 5.00909

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6179 [GUA230 230.00] 3PH 4294.86 10781.0 -102.95
 LG 4085.75 10256.1 -103.49
THEVENIN IMPEDANCE, X/R (OHM) Z+:/12.266/81.866, 6.99657 Z-:/12.275/82.148, 7.25104 Z0:/14.143/83.101, 8.26433

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6182 [VEL230 230.00] 3PH 3883.45 9748.3 -108.49
 LG 3010.37 7556.7 -109.15
THEVENIN IMPEDANCE, X/R (OHM) Z+:/13.579/74.569, 3.62292 Z-:/13.593/75.449, 3.85245 Z0:/25.382/75.463, 3.85655

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6240 [EHIG230 230.00] 3PH 2168.73 5444.0 -120.12
 LG 1925.40 4833.2 -126.24
THEVENIN IMPEDANCE, X/R (OHM) Z+:/24.516/63.501, 2.00579 Z-:/24.392/65.509, 2.19519 Z0:/34.416/76.900, 4.29738

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6260 [CHA230 230.00] 3PH 2400.80 6026.5 -97.30
 LG 1806.43 4534.5 -95.23
THEVENIN IMPEDANCE, X/R (OHM) Z+:/22.436/82.376, 7.47070 Z-:/22.438/82.428, 7.52258 Z0:/44.640/78.204, 4.78844

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6261 [CHA115 115.00] 3PH 1086.84 5456.4 -100.86
 LG 484.81 2434.0 -101.63

THEVENIN IMPEDANCE, X/R (OHM) Z+:/12.323/86.638, 17.02472 Z-:/12.324/86.658, 17.12589 Z0:/58.234/87.728, 25.20563

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6340 [CAN230 230.00] 3PH 2142.85 5379.0 -100.25
 LG 1824.64 4580.2 -99.64
THEVENIN IMPEDANCE, X/R (OHM) Z+:/24.755/81.072, 6.36575 Z-:/24.760/81.173, 6.43950 Z0:/37.708/79.599, 5.44823

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6380 [BOQIII230 230.00] 3PH 3261.75 8187.7 -100.63
 LG 2937.72 7374.3 -100.17
THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.232/82.610, 7.71001 Z-:/16.238/82.749, 7.85993 Z0:/21.601/81.346, 6.57046

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6440 [DOM230 230.00] 3PH 2596.23 6517.1 -101.85
 LG 1326.88 3330.8 -96.00
THEVENIN IMPEDANCE, X/R (OHM) Z+:/20.531/83.082, 8.24194 Z-:/20.535/83.175, 8.35550 Z0:/79.776/74.195, 3.53283

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6441 [PRIM230 230.00] 3PH 1912.75 4801.4 -100.61
 LG 1137.03 2854.2 -95.87
THEVENIN IMPEDANCE, X/R (OHM) Z+:/27.841/82.148, 7.25074 Z-:/27.845/82.213, 7.31269 Z0:/85.140/74.287, 3.55453

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6460 [ECO230 230.00] 3PH 2562.27 6431.9 -119.65
 LG 2061.19 5174.0 -122.86
THEVENIN IMPEDANCE, X/R (OHM) Z+:/20.887/68.828, 2.58187 Z-:/20.892/70.238, 2.78343 Z0:/36.203/74.910, 3.70882

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6520 [SBA230 230.00] 3PH 2866.49 7195.5 -113.25
 LG 1923.10 4827.4 -114.03
THEVENIN IMPEDANCE, X/R (OHM) Z+:/18.517/74.647, 3.64223 Z-:/18.538/75.523, 3.87301 Z0:/45.748/75.715, 3.92757

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6521 [SBA115 115.00] 3PH 767.52 3853.3 -123.82
 LG 0.00 0.0 0.00

THEVENIN IMPEDANCE, X/R (OHM) Z+:/17.264/86.687, 17.27342 Z-:/17.280/86.871, 18.29251 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 2029.42 5094.3 -123.48
 LG 2011.69 5049.8 -129.35
THEVENIN IMPEDANCE, X/R (OHM) Z+:/26.801/60.093, 1.73857 Z-:/26.721/62.116, 1.88996 Z0:/28.158/75.226, 3.79175

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6830 [ANT230 230.00] 3PH 2305.34 5786.9 -121.09
 LG 2002.06 5025.6 -124.53
THEVENIN IMPEDANCE, X/R (OHM) Z+:/23.072/68.011, 2.47639 Z-:/23.023/69.726, 2.70716 Z0:/33.721/74.980, 3.72694

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6861 [CHE230 230.00] 3PH 1516.28 3806.2 -129.78
 LG 1806.57 4534.9 -133.89
THEVENIN IMPEDANCE, X/R (OHM) Z+:/36.236/62.826, 1.94794 Z-:/36.200/64.567, 2.10285 Z0:/19.365/79.116, 5.20060

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                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6001 [PAN230      230.00] 3PH    2421.23  6077.8  -123.40
                        LG      3099.89  7781.4  -129.16
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/22.277/51.195, 1.24354  Z-:/22.058/54.046, 1.37873  Z0:/8.679/79.687, 5.49529

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```

                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6002 [PAN115      115.00] 3PH    2369.20  11894.4 -125.87
                        LG      2933.95  14729.7 -132.97
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/5.667/50.455, 1.21114  Z-:/5.630/53.086, 1.33119  Z0:/2.741/82.127, 7.23120

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                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6003 [PANII230    230.00] 3PH    2294.55  5759.8  -124.42
                        LG      2922.17  7335.3  -130.08
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/23.667/51.786, 1.27015  Z-:/23.476/54.511, 1.40252  Z0:/9.441/79.438, 5.36286

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```

                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6004 [PANIII115   115.00] 3PH    1896.17  9519.6  -130.77
                        LG      1719.15  8630.9  -141.02
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/7.057/55.482, 1.45404  Z-:/7.050/57.697, 1.58165  Z0:/9.688/79.107, 5.19618

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```

                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6005 [CHO230      230.00] 3PH    2421.36  6078.2  -123.38
                        LG      3364.06  8444.5  -127.70
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/22.133/54.792, 1.41718  Z-:/21.811/57.983, 1.59925  Z0:/4.443/87.332, 21.45708

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```

                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6006 [CHO115      115.00] 3PH    1727.04  8670.5  -133.64
                        LG      1916.56  9622.0  -142.28
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/7.751/63.960, 2.04671  Z-:/7.537/67.765, 2.44609  Z0:/6.052/89.878, 468.21051

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```

                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6008 [LSA230      230.00] 3PH    3496.25  8776.3  -117.16

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LG 3257.07 8176.0 -122.08
THEVENIN IMPEDANCE, X/R (OHM) Z+:/15.055/65.516, 2.19593 Z-:/15.051/67.229, 2.38227 Z0:/18.577/77.041, 4.34557

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6009 [LSA115 115.00] 3PH 1781.15 8942.2 -127.86
 LG 872.95 4382.6 -137.51
THEVENIN IMPEDANCE, X/R (OHM) Z+:/7.399/74.677, 3.64956 Z-:/7.424/75.481, 3.86139 Z0:/30.754/88.758, 46.12500

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6011 [MDN230 230.00] 3PH 4491.56 11274.8 -105.17
 LG 3961.57 9944.4 -104.34
THEVENIN IMPEDANCE, X/R (OHM) Z+:/11.670/81.353, 6.57557 Z-:/11.680/81.618, 6.78690 Z0:/16.351/79.150, 5.21720

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6012 [MDN115 115.00] 3PH 2236.23 11226.8 -104.95
 LG 1905.14 9564.7 -105.40
THEVENIN IMPEDANCE, X/R (OHM) Z+:/5.883/85.388, 12.39701 Z-:/5.886/85.471, 12.62424 Z0:/8.948/86.387, 15.83849

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6014 [PRO230 230.00] 3PH 3603.86 9046.5 -103.88
 LG 3347.95 8404.1 -103.68
THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.688/82.708, 7.81525 Z-:/14.695/82.837, 7.95687 Z0:/18.051/82.081, 7.18878

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6015 [PRO115 115.00] 3PH 1234.42 6197.3 -108.35
 LG 1272.78 6389.9 -108.73
THEVENIN IMPEDANCE, X/R (OHM) Z+:/10.712/87.202, 20.46291 Z-:/10.714/87.245, 20.78192 Z0:/9.742/88.367, 35.08424

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6018 [CAC115 115.00] 3PH 2356.53 11830.8 -126.07
 LG 2895.07 14534.5 -132.81
THEVENIN IMPEDANCE, X/R (OHM) Z+:/5.695/50.564, 1.21587 Z-:/5.658/53.175, 1.33552 Z0:/2.821/79.725, 5.51622

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6087 [CAL115 115.00] 3PH 1613.97 8102.8 -100.89

LG 1177.44 5911.2 -99.80
THEVENIN IMPEDANCE, X/R (OHM) Z+:/8.247/85.253, 12.04268 Z-:/8.248/85.288, 12.13218 Z0:/17.425/83.116, 8.28296

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6096 [FOR230 230.00] 3PH 4743.18 11906.4 -105.42
 LG 4795.64 12038.1 -106.16
THEVENIN IMPEDANCE, X/R (OHM) Z+:/11.132/82.604, 7.70402 Z-:/11.140/82.841, 7.96136 Z0:/10.762/84.638, 10.65382

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6173 [STR115 115.00] 3PH 1750.52 8788.4 -145.92
 LG 1879.79 9437.4 -148.97
THEVENIN IMPEDANCE, X/R (OHM) Z+:/7.788/68.647, 2.55784 Z-:/7.716/70.346, 2.79992 Z0:/6.295/77.139, 4.38005

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6179 [GUA230 230.00] 3PH 4280.66 10745.4 -106.72
 LG 4067.95 10211.4 -107.29
THEVENIN IMPEDANCE, X/R (OHM) Z+:/12.237/81.788, 6.92892 Z-:/12.249/82.073, 7.18173 Z0:/14.146/83.095, 8.25756

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6182 [VEL230 230.00] 3PH 3876.53 9730.9 -112.57
 LG 2998.67 7527.3 -113.34
THEVENIN IMPEDANCE, X/R (OHM) Z+:/13.480/74.347, 3.56891 Z-:/13.506/75.246, 3.79722 Z0:/25.296/75.454, 3.85384

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6240 [EHIG230 230.00] 3PH 2180.09 5472.5 -124.55
 LG 1925.92 4834.5 -131.01
THEVENIN IMPEDANCE, X/R (OHM) Z+:/24.180/62.765, 1.94291 Z-:/24.101/64.820, 2.12705 Z0:/34.364/76.884, 4.29172

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6260 [CHA230 230.00] 3PH 2380.67 5976.0 -101.13
 LG 1791.08 4496.0 -99.08
THEVENIN IMPEDANCE, X/R (OHM) Z+:/22.430/82.339, 7.43424 Z-:/22.433/82.392, 7.48635 Z0:/44.636/78.205, 4.78888

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6261 [CHA115 115.00] 3PH 1077.65 5410.3 -104.69

THEVENIN IMPEDANCE, X/R (OHM) LG 672.89 3378.2 -104.46
Z+:/12.323/86.597, 16.81604 Z-:/12.324/86.617, 16.91559 Z0:/34.560/86.194, 15.03063

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6340 [CAN230 230.00] 3PH 2129.52 5345.6 -104.07
 LG 1813.19 4551.5 -103.49
THEVENIN IMPEDANCE, X/R (OHM) Z+:/24.754/81.001, 6.31432 Z-:/24.763/81.103, 6.38778 Z0:/37.709/79.599, 5.44807

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6380 [BOQIII230 230.00] 3PH 3252.81 8165.3 -104.58
 LG 2927.00 7347.4 -104.13
THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.196/82.567, 7.66451 Z-:/16.205/82.707, 7.81416 Z0:/21.600/81.345, 6.56932

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6440 [DOM230 230.00] 3PH 2598.51 6522.8 -105.79
 LG 1325.28 3326.8 -99.93
THEVENIN IMPEDANCE, X/R (OHM) Z+:/20.444/83.078, 8.23752 Z-:/20.451/83.172, 8.35182 Z0:/79.689/74.191, 3.53182

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6441 [PRIM230 230.00] 3PH 1912.74 4801.4 -104.56
 LG 1097.74 2755.6 -99.88
THEVENIN IMPEDANCE, X/R (OHM) Z+:/27.759/82.140, 7.24417 Z-:/27.765/82.207, 7.30651 Z0:/89.884/74.562, 3.62097

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6460 [ECO230 230.00] 3PH 2594.48 6512.7 -123.78
 LG 2100.36 5272.4 -127.35
THEVENIN IMPEDANCE, X/R (OHM) Z+:/20.383/68.084, 2.48563 Z-:/20.410/69.589, 2.68741 Z0:/34.851/74.936, 3.71537

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6520 [SBA230 230.00] 3PH 2859.31 7177.5 -117.49
 LG 1913.26 4802.7 -118.39
THEVENIN IMPEDANCE, X/R (OHM) Z+:/18.385/74.435, 3.59012 Z-:/18.423/75.330, 3.81979 Z0:/45.624/75.710, 3.92594

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6521 [SBA115 115.00] 3PH 762.55 3828.3 -128.25

THEVENIN IMPEDANCE, X/R (OHM) LG 0.00 0.0 0.00
Z+:/17.235/86.660, 17.13601 Z-:/17.254/86.845, 18.14243 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 2248.38 5643.9 -126.15
 LG 2427.45 6093.4 -132.66
THEVENIN IMPEDANCE, X/R (OHM) Z+:/23.862/56.398, 1.50502 Z-:/23.753/58.858, 1.65498 Z0:/19.406/75.962, 3.99935

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6801 [SAB230 230.00] 3PH 2037.32 5114.1 -128.83
 LG 2537.80 6370.4 -134.01
THEVENIN IMPEDANCE, X/R (OHM) Z+:/26.634/56.647, 1.51927 Z-:/26.522/59.084, 1.66984 Z0:/11.717/80.078, 5.71685

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6830 [ANT230 230.00] 3PH 2310.59 5800.1 -125.58
 LG 1998.45 5016.5 -129.27
THEVENIN IMPEDANCE, X/R (OHM) Z+:/22.811/67.478, 2.41155 Z-:/22.800/69.230, 2.63672 Z0:/33.645/74.962, 3.72210

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6840 [PAN3 230 230.00] 3PH 2422.81 6081.8 -123.35
 LG 3113.74 7816.2 -128.94
THEVENIN IMPEDANCE, X/R (OHM) Z+:/22.265/51.487, 1.25659 Z-:/22.049/54.338, 1.39362 Z0:/8.431/79.551, 5.42252

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6841 [PAN3 115 115.00] 3PH 1592.68 7996.0 -138.00
 LG 0.00 0.0 0.00
THEVENIN IMPEDANCE, X/R (OHM) Z+:/8.369/66.135, 2.26038 Z-:/8.384/68.010, 2.47629 Z0:/0.13E+09/90.000, 9999.999

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6861 [CHE230 230.00] 3PH 1543.04 3873.4 -134.84
 LG 1834.50 4605.0 -139.18
THEVENIN IMPEDANCE, X/R (OHM) Z+:/35.263/61.923, 1.87468 Z-:/35.275/63.777, 2.03023 Z0:/19.048/79.026, 5.15693

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                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6001 [PAN230      230.00] 3PH    2381.13  5977.2  -125.76
                        LG      3050.87  7658.4  -131.67
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/22.535/49.946, 1.18947  Z-:/22.405/52.813, 1.31805  Z0:/8.716/79.640, 5.46990

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                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6002 [PAN115      115.00] 3PH    2371.36  11905.3 -128.33
                        LG      2959.96  14860.3 -135.28
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/5.543/49.072, 1.15329  Z-:/5.527/51.703, 1.26636  Z0:/2.552/81.230, 6.48205

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```

                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6003 [PANII230    230.00] 3PH    2261.77  5677.5  -126.77
                        LG      2884.26  7240.1  -132.60
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/23.870/50.525, 1.21418  Z-:/23.769/53.265, 1.33989  Z0:/9.433/79.504, 5.39735

```

```

                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6004 [PANIII115   115.00] 3PH    1891.31  9495.2  -133.36
                        LG      1889.03  9483.8  -142.49
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/6.956/54.255, 1.38932  Z-:/6.973/56.455, 1.50827  Z0:/7.364/78.699, 5.00416

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```

                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6005 [CHO230      230.00] 3PH    2365.38  5937.6  -125.99
                        LG      3286.91  8250.9  -130.34
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/22.540/54.240, 1.38859  Z-:/22.298/57.490, 1.56910  Z0:/4.440/87.318, 21.34954

```

```

                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6006 [CHO115      115.00] 3PH    1699.58  8532.6  -136.24
                        LG      1890.00  9488.6  -145.02
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/7.831/63.338, 1.99154  Z-:/7.650/67.236, 2.38305  Z0:/6.052/89.877, 466.13177

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```

                <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6008 [LSA230      230.00] 3PH    3553.61  8920.3  -118.30

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THEVENIN IMPEDANCE, X/R (OHM) LG 3334.65 8370.7 -123.04
Z+:/14.729/65.783, 2.22336 Z-:/14.772/67.404, 2.40284 Z0:/17.775/77.060, 4.35225

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6009 [LSA115 115.00] 3PH 1789.28 8983.0 -128.95
 LG 874.07 4388.2 -138.58
THEVENIN IMPEDANCE, X/R (OHM) Z+:/7.336/74.744, 3.66638 Z-:/7.370/75.476, 3.85996 Z0:/30.629/88.809, 48.08080

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6011 [MDN230 230.00] 3PH 4717.83 11842.8 -105.07
 LG 4084.88 10253.9 -104.11
THEVENIN IMPEDANCE, X/R (OHM) Z+:/11.154/81.602, 6.77341 Z-:/11.168/81.835, 6.96964 Z0:/16.334/79.171, 5.22773

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6012 [MDN115 115.00] 3PH 2280.58 11449.5 -104.85
 LG 1930.54 9692.2 -105.24
THEVENIN IMPEDANCE, X/R (OHM) Z+:/5.796/85.543, 12.82837 Z-:/5.799/85.612, 13.03211 Z0:/8.947/86.394, 15.86572

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6014 [PRO230 230.00] 3PH 4153.29 10425.7 -103.37
 LG 3816.06 9579.1 -102.93
THEVENIN IMPEDANCE, X/R (OHM) Z+:/12.852/82.863, 7.98590 Z-:/12.861/82.981, 8.12213 Z0:/16.253/81.637, 6.80225

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6015 [PRO115 115.00] 3PH 1295.20 6502.5 -107.94
 LG 1327.13 6662.8 -108.26
THEVENIN IMPEDANCE, X/R (OHM) Z+:/10.285/87.456, 22.50989 Z-:/10.288/87.492, 22.83168 Z0:/9.541/88.415, 36.14898

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6018 [CAC115 115.00] 3PH 2358.48 11840.6 -128.55
 LG 2916.14 14640.3 -135.14
THEVENIN IMPEDANCE, X/R (OHM) Z+:/5.571/49.185, 1.15791 Z-:/5.556/51.795, 1.27056 Z0:/2.646/78.553, 4.93854

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6087 [CAL115 115.00] 3PH 1634.56 8206.2 -100.77

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      LG      1188.69   5967.7   -99.66
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/8.196/85.284, 12.12262  Z-:/8.198/85.314, 12.19896  Z0:/17.424/83.116, 8.28313

-----
      <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6096 [FOR230      230.00] 3PH  4876.47 12241.0 -105.41
                        LG      4893.53 12283.8 -106.09
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/10.869/82.779, 7.89230  Z-:/10.881/82.984, 8.12518  Z0:/10.746/84.631, 10.64030

-----
      <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6173 [STR115      115.00] 3PH  1739.55  8733.3 -149.52
                        LG      1941.65  9747.9 -152.26
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/7.692/68.212, 2.50169  Z-:/7.636/69.904, 2.73320  Z0:/5.381/76.379, 4.12693

-----
      <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6179 [GUA230      230.00] 3PH  4373.48 10978.4 -106.79
                        LG      4135.51 10381.0 -107.26
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/12.004/82.033, 7.14537  Z-:/12.021/82.280, 7.37678  Z0:/14.060/83.086, 8.24696

-----
      <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6182 [VEL230      230.00] 3PH  4008.55 10062.3 -113.06
                        LG      3278.85  8230.6 -113.71
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/12.962/74.959, 3.72130  Z-:/13.008/75.766, 3.94205  Z0:/21.572/75.887, 3.97741

-----
      <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6240 [EHIG230     230.00] 3PH  2008.11  5040.8 -128.88
                        LG      1826.81  4585.7 -134.26
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/26.011/64.791, 2.12422  Z-:/26.039/66.690, 2.32091  Z0:/34.129/76.949, 4.31381

-----
      <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6260 [CHA230      230.00] 3PH  2417.50  6068.5 -101.02
                        LG      1814.47  4554.7  -98.94
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/22.321/82.375, 7.47009  Z-:/22.326/82.420, 7.51489  Z0:/44.631/78.202, 4.78740

-----
      <-SCMVA-> <-Sym I''k rms-->
                        /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6261 [CHA115      115.00] 3PH  1095.72  5501.0 -104.60

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THEVENIN IMPEDANCE, X/R (OHM) LG 683.36 3430.8 -104.36
Z+:/12.297/86.618, 16.92368 Z-:/12.299/86.635, 17.00840 Z0:/34.558/86.193, 15.02740

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6340 [CAN230 230.00] 3PH 2158.07 5417.2 -103.97
 LG 1830.37 4594.6 -103.34
THEVENIN IMPEDANCE, X/R (OHM) Z+:/24.518/81.091, 6.37940 Z-:/24.529/81.178, 6.44334 Z0:/37.682/79.588, 5.44215
-----</p></div><div data-bbox="48 246 800 342" data-label="Text"><p>-----
<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6380 [BOQIII230 230.00] 3PH 3482.37 8741.5 -104.20
 LG 3070.75 7708.3 -103.60
THEVENIN IMPEDANCE, X/R (OHM) Z+:/15.221/82.722, 7.83002 Z-:/15.231/82.846, 7.96678 Z0:/21.336/81.155, 6.42633
-----</p></div><div data-bbox="48 372 800 468" data-label="Text"><p>-----
<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6440 [DOM230 230.00] 3PH 3651.32 9165.6 -103.84
 LG 2407.95 6044.5 -99.61
THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.669/83.169, 8.34778 Z-:/14.677/83.267, 8.46989 Z0:/37.530/75.592, 3.89235
-----</p></div><div data-bbox="48 498 800 594" data-label="Text"><p>-----
<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6441 [PRIM230 230.00] 3PH 2411.84 6054.3 -102.24
 LG 1747.93 4387.7 -99.24
THEVENIN IMPEDANCE, X/R (OHM) Z+:/22.255/81.827, 6.96294 Z-:/22.262/81.889, 7.01683 Z0:/47.728/75.992, 4.00841
-----</p></div><div data-bbox="48 624 800 720" data-label="Text"><p>-----
<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6460 [ECO230 230.00] 3PH 2616.37 6567.7 -125.12
 LG 2114.24 5307.2 -128.76
THEVENIN IMPEDANCE, X/R (OHM) Z+:/20.045/67.860, 2.45778 Z-:/20.124/69.308, 2.64757 Z0:/34.366/74.907, 3.70804
-----</p></div><div data-bbox="48 750 800 846" data-label="Text"><p>-----
<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6520 [SBA230 230.00] 3PH 3009.93 7555.6 -118.14
 LG 2012.46 5051.7 -118.77
THEVENIN IMPEDANCE, X/R (OHM) Z+:/17.380/75.028, 3.73935 Z-:/17.442/75.835, 3.96223 Z0:/43.162/75.826, 3.95955
-----</p></div><div data-bbox="48 876 446 938" data-label="Text"><p>-----
<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6521 [SBA115 115.00] 3PH 768.01 3855.8 -128.60
-----</p></div>

THEVENIN IMPEDANCE, X/R (OHM) LG 0.00 0.0 0.00
Z+:/17.043/86.926, 18.62228 Z-:/17.065/87.082, 19.61884 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 2228.57 5594.2 -128.28
 LG 2407.42 6043.2 -135.11
THEVENIN IMPEDANCE, X/R (OHM) Z+:/23.893/55.244, 1.44119 Z-:/23.867/57.712, 1.58258 Z0:/19.399/75.948, 3.99523

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6801 [SAB230 230.00] 3PH 2013.44 5054.2 -131.27
 LG 2509.82 6300.2 -136.63
THEVENIN IMPEDANCE, X/R (OHM) Z+:/26.793/55.516, 1.45587 Z-:/26.774/57.961, 1.59790 Z0:/11.720/80.084, 5.72051

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6830 [ANT230 230.00] 3PH 2323.76 5833.2 -127.08
 LG 2006.76 5037.4 -130.87
THEVENIN IMPEDANCE, X/R (OHM) Z+:/22.536/67.181, 2.37667 Z-:/22.584/68.911, 2.59299 Z0:/33.312/74.933, 3.71453

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6840 [PAN3 230 230.00] 3PH 2386.69 5991.1 -125.62
 LG 3069.40 7704.9 -131.38
THEVENIN IMPEDANCE, X/R (OHM) Z+:/22.471/50.214, 1.20082 Z-:/22.341/53.086, 1.33119 Z0:/8.453/79.526, 5.40920

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6841 [PAN3 115 115.00] 3PH 1584.86 7956.7 -140.88
 LG 0.00 0.0 0.00
THEVENIN IMPEDANCE, X/R (OHM) Z+:/8.266/65.470, 2.19125 Z-:/8.304/67.317, 2.39260 Z0:/0.13E+09/90.000, 9999.999

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
6861 [CHE230 230.00] 3PH 1529.80 3840.1 -137.54
 LG 1819.23 4566.7 -142.06
THEVENIN IMPEDANCE, X/R (OHM) Z+:/35.357/61.010, 1.80476 Z-:/35.469/62.857, 1.95058 Z0:/19.045/79.034, 5.16071

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<-SCMVA-> <-Sym I''k rms-->
          /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6001 [PAN230      230.00] 3PH    3604.05   9047.0  -117.04
                               LG     4286.38  10759.7 -121.85
THEVENIN IMPEDANCE, X/R (OHM) Z+:/15.277/60.694, 1.78155 Z-:/15.161/62.657, 1.93390 Z0:/8.419/79.474, 5.38196

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```

<-SCMVA-> <-Sym I''k rms-->
          /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6002 [PAN115      115.00] 3PH    3353.13  16834.2 -119.29
                               LG     3890.49  19531.9 -124.90
THEVENIN IMPEDANCE, X/R (OHM) Z+:/4.032/59.745, 1.71439 Z-:/4.010/61.502, 1.84191 Z0:/2.502/80.739, 6.13269

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```

<-SCMVA-> <-Sym I''k rms-->
          /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6003 [PANI1230    230.00] 3PH    3444.56   8646.6  -118.00
                               LG     4057.92  10186.3 -122.68
THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.061/61.436, 1.83690 Z-:/15.961/63.263, 1.98512 Z0:/9.195/79.342, 5.31347

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```

<-SCMVA-> <-Sym I''k rms-->
          /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6004 [PANI1115    115.00] 3PH    2521.65  12659.8 -124.45
                               LG     2263.68  11364.7 -130.39
THEVENIN IMPEDANCE, X/R (OHM) Z+:/5.380/64.877, 2.13258 Z-:/5.375/66.210, 2.26836 Z0:/7.338/78.563, 4.94298

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```

<-SCMVA-> <-Sym I''k rms-->
          /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6005 [CHO230      230.00] 3PH    3301.44   8287.3  -118.54
                               LG     4431.81  11124.8 -122.21
THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.741/64.502, 2.09674 Z-:/16.535/66.896, 2.34396 Z0:/4.418/87.213, 20.53980

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```

<-SCMVA-> <-Sym I''k rms-->
          /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6006 [CHO115      115.00] 3PH    2099.57  10540.7 -127.44
                               LG     2193.66  11013.1 -134.14
THEVENIN IMPEDANCE, X/R (OHM) Z+:/6.566/72.115, 3.09892 Z-:/6.405/75.277, 3.80555 Z0:/6.051/89.873, 450.62457

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```

<-SCMVA-> <-Sym I''k rms-->
          /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6008 [LSA230      230.00] 3PH    4197.12  10535.7 -114.31
                               LG     3786.82   9505.8 -116.65
THEVENIN IMPEDANCE, X/R (OHM) Z+:/13.122/71.985, 3.07490 Z-:/13.107/73.018, 3.27452 Z0:/17.436/77.064, 4.35349

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-----
                <-SCMVA-> <-Sym I''k rms-->
                        /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6009 [LSA115      115.00] 3PH      2138.02  10733.8  -120.76
                        LG      952.52   4782.1  -128.62
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/6.435/77.775, 4.61535  Z-:/6.441/78.268, 4.81540  Z0:/30.618/88.828, 48.88834
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                        /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6011 [MDN230      230.00] 3PH      4934.52  12386.7  -105.90
                        LG      4237.14  10636.2  -104.95
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/10.904/81.480, 6.67495  Z-:/10.907/81.709, 6.86199  Z0:/16.295/79.118, 5.20162
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                        /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6012 [MDN115      115.00] 3PH      2350.60  11801.0  -105.97
                        LG      1974.14   9911.1  -106.36
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/5.689/85.550, 12.84837  Z-:/5.690/85.618, 13.05092  Z0:/8.942/86.388, 15.84060
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                        /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6014 [PRO230      230.00] 3PH      4234.79  10630.3  -104.11
                        LG      3946.03   9905.4  -103.58
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/12.730/82.880, 8.00589  Z-:/12.731/82.990, 8.13216  Z0:/15.526/81.400, 6.61238
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                        /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6015 [PRO115      115.00] 3PH      1312.26   6588.1  -108.69
                        LG      1346.54   6760.2  -109.01
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/10.242/87.449, 22.44876  Z-:/10.243/87.483, 22.74865  Z0:/9.460/88.430, 36.49515
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                        /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6018 [CAC115      115.00] 3PH      3328.39  16710.0  -119.40
                        LG      3822.77  19192.0  -124.47
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/4.059/59.776, 1.71653  Z-:/4.037/61.518, 1.84314  Z0:/2.598/78.034, 4.71853
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                        /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6087 [CAL115      115.00] 3PH      1647.96   8273.5  -101.69
                        LG      1193.81   5993.5  -100.59
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/8.134/85.246, 12.02531  Z-:/8.135/85.274, 12.09717  Z0:/17.423/83.114, 8.28045
-----

```

```

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

```

```

X----- BUS -----X          /I/   AN(I)
        MVA      AMP      DEG
6096 [FOR230      230.00] 3PH  5215.52 13092.1 -107.23
        LG      5209.76 13077.6 -108.15
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/10.345/81.931, 7.05336  Z-:/10.349/82.196, 7.29624  Z0:/10.382/84.437, 10.26629

```

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

```

X----- BUS -----X          /I/   AN(I)
        MVA      AMP      DEG
6100 [BAY230      230.00] 3PH  2198.51 5518.7 -129.25
        LG      2495.82 6265.0 -132.00
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/25.267/75.261, 3.80111  Z-:/25.263/76.024, 4.01803  Z0:/16.419/85.318, 12.20954

```

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

```

X----- BUS -----X          /I/   AN(I)
        MVA      AMP      DEG
6170 [CPA115      115.00] 3PH  1231.19 6181.1 -135.34
        LG      1679.07 8429.7 -135.99
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/11.016/74.126, 3.51648  Z-:/10.983/74.827, 3.68759  Z0:/2.237/77.743, 4.60287

```

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

```

X----- BUS -----X          /I/   AN(I)
        MVA      AMP      DEG
6171 [PAC230      230.00] 3PH  2475.36 6213.7 -125.34
        LG      2595.42 6515.1 -128.53
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/22.339/69.343, 2.65250  Z-:/22.310/70.519, 2.82684  Z0:/19.424/78.550, 4.93714

```

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

```

X----- BUS -----X          /I/   AN(I)
        MVA      AMP      DEG
6173 [STR115      115.00] 3PH  1934.79 9713.5 -134.91
        LG      2119.46 10640.6 -136.17
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/7.082/73.242, 3.32089  Z-:/7.009/74.475, 3.59969  Z0:/5.307/76.202, 4.07180

```

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

```

X----- BUS -----X          /I/   AN(I)
        MVA      AMP      DEG
6179 [GUA230      230.00] 3PH  4691.31 11776.2 -108.25
        LG      4399.71 11044.2 -108.81
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/11.498/81.525, 6.71150  Z-:/11.503/81.812, 6.95019  Z0:/13.782/82.794, 7.90955

```

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

```

X----- BUS -----X          /I/   AN(I)
        MVA      AMP      DEG
6182 [VEL230      230.00] 3PH  4399.00 11042.5 -111.24
        LG      3658.89 9184.6 -110.86
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/12.446/77.322, 4.44528  Z-:/12.449/77.891, 4.66091  Z0:/19.999/76.132, 4.05041

```

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

```

X----- BUS -----X          /I/   AN(I)
        MVA      AMP      DEG
6240 [EHIG230     230.00] 3PH  2420.61 6076.3 -121.44

```

```

                LG      2078.39   5217.2  -123.94
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/22.699/71.909, 3.06108  Z-:/22.641/73.124, 3.29638  Z0:/34.029/76.926, 4.30602
-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6243 [VHE230      230.00] 3PH  2746.58  6894.5  -123.14
                LG      2814.38  7064.7  -126.60
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/20.133/66.772, 2.33007  Z-:/20.084/68.150, 2.49388  Z0:/18.877/76.145, 4.05441
-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6260 [CHA230      230.00] 3PH  2600.65  6528.2  -106.91
                LG      1922.45  4825.8  -105.04
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/20.792/81.600, 6.77178  Z-:/20.796/81.713, 6.86586  Z0:/42.840/77.851, 4.64505
-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6261 [CHA115      115.00] 3PH  1123.25  5639.2  -111.09
                LG      694.83   3488.3  -110.96
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/11.968/86.414, 15.95478  Z-:/11.969/86.455, 16.14054  Z0:/34.104/86.188, 15.00856
-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6263 [ESP230      230.00] 3PH  2609.69  6550.9  -107.00
                LG      2440.98  6127.4  -108.02
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/20.759/82.406, 7.50043  Z-:/20.763/82.520, 7.61671  Z0:/25.075/85.026, 11.48965
-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6340 [CAN230      230.00] 3PH  3299.18  8281.7  -108.68
                LG      2813.57  7062.7  -108.23
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/16.266/79.905, 5.61681  Z-:/16.273/80.163, 5.76738  Z0:/24.685/78.674, 4.99262
-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6380 [BOQIII230  230.00] 3PH  3574.50  8972.8  -105.06
                LG      3144.87  7894.3  -104.42
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/15.053/82.689, 7.79404  Z-:/15.055/82.806, 7.92298  Z0:/21.225/81.057, 6.35469
-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6440 [DOM230      230.00] 3PH  3690.24  9263.3  -104.19
                LG      2988.00  7500.5  -100.73
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/14.584/83.272, 8.47622  Z-:/14.586/83.355, 8.58332  Z0:/24.984/75.726, 3.93060

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6460 [ECO230      230.00] 3PH      3080.13  7731.8  -118.98
                                LG      2366.29  5939.9  -119.53
THEVENIN IMPEDANCE, X/R (OHM) Z+:/17.911/74.214, 3.53725  Z-:/17.907/75.085, 3.75424  Z0:/34.126/74.886, 3.70258
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6470 [24DIC230    230.00] 3PH      2811.35  7057.1  -122.63
                                LG      2911.90  7309.5  -126.27
THEVENIN IMPEDANCE, X/R (OHM) Z+:/19.667/66.196, 2.26682  Z-:/19.613/67.617, 2.42828  Z0:/17.851/76.291, 4.09933
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6510 [POR230      230.00] 3PH      3591.35  9015.1  -103.69
                                LG      2831.98  7108.9  -100.39
THEVENIN IMPEDANCE, X/R (OHM) Z+:/15.001/83.063, 8.21896  Z-:/15.002/83.144, 8.31656  Z0:/27.174/76.086, 4.03647
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6520 [SBA230      230.00] 3PH      3318.50  8330.2  -114.69
                                LG      2192.02  5502.5  -113.63
THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.571/77.980, 4.69669  Z-:/16.576/78.513, 4.92065  Z0:/42.128/75.886, 3.97715
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6550 [BEV230      230.00] 3PH      3308.59  8305.3  -112.82
                                LG      2630.61  6603.4  -111.34
THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.544/78.371, 4.85913  Z-:/16.550/78.819, 5.05927  Z0:/29.362/74.974, 3.72540
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6713 [BUR230      230.00] 3PH      3112.91  7814.1  -120.11
                                LG      3045.38  7644.6  -124.22
THEVENIN IMPEDANCE, X/R (OHM) Z+:/17.696/65.561, 2.20046  Z-:/17.631/67.133, 2.37117  Z0:/19.112/75.833, 3.96152
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6787 [BCA230      230.00] 3PH      3659.52  9186.2  -103.61
                                LG      2863.75  7188.6  -100.38
THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.731/82.934, 8.06758  Z-:/14.733/83.019, 8.16660  Z0:/27.112/76.135, 4.05139
-----

```

```

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

```

```

X----- BUS -----X
 6801 [SAB230      230.00] 3PH
                               LG
THEVENIN IMPEDANCE, X/R (OHM)

```

MVA	AMP	DEG
2828.43	7100.0	-122.35
3291.12	8261.4	-126.10

Z+:/19.573/66.145, 2.26143 Z-:/19.508/67.687, 2.43673 Z0:/11.619/79.971, 5.65481

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

```

X----- BUS -----X
 6830 [ANT230      230.00] 3PH
                               LG
THEVENIN IMPEDANCE, X/R (OHM)

```

MVA	AMP	DEG
2755.08	6915.8	-120.56
2260.09	5673.3	-121.34

Z+:/19.993/73.865, 3.45673 Z-:/19.959/74.962, 3.72218 Z0:/33.165/74.914, 3.70976

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

```

X----- BUS -----X
 6837 [CHG230      230.00] 3PH
                               LG
THEVENIN IMPEDANCE, X/R (OHM)

```

MVA	AMP	DEG
3830.36	9615.0	-108.99
3239.69	8132.3	-108.28

Z+:/14.004/79.828, 5.57364 Z-:/14.012/80.148, 5.75792 Z0:/21.662/77.985, 4.69873

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

```

X----- BUS -----X
 6840 [PAN3 230      230.00] 3PH
                               LG
THEVENIN IMPEDANCE, X/R (OHM)

```

MVA	AMP	DEG
3644.22	9147.8	-116.80
4357.47	10938.2	-121.47

Z+:/15.118/60.869, 1.79435 Z-:/15.002/62.841, 1.94918 Z0:/8.112/79.347, 5.31600

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

```

X----- BUS -----X
 6861 [CHE230      230.00] 3PH
                               LG
THEVENIN IMPEDANCE, X/R (OHM)

```

MVA	AMP	DEG
2435.71	6114.2	-127.32
2581.86	6481.0	-129.61

Z+:/22.755/72.394, 3.15127 Z-:/22.743/73.381, 3.35043 Z0:/18.979/78.972, 5.13093

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```

                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6001 [PAN230      230.00] 3PH      4106.97  10309.4 -108.54
                LG      4732.26  11879.0 -113.68
THEVENIN IMPEDANCE, X/R (OHM) Z+:/13.372/61.157, 1.81574 Z-:/13.312/62.980, 1.96093 Z0:/8.441/79.782, 5.54749

```

```

                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6002 [PAN115      115.00] 3PH      3713.47  18643.2 -111.16
                LG      4200.01  21085.9 -116.91
THEVENIN IMPEDANCE, X/R (OHM) Z+:/3.644/60.257, 1.75013 Z-:/3.634/61.854, 1.86920 Z0:/2.496/80.615, 6.05006

```

```

                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6003 [PANI230      230.00] 3PH      3842.72   9646.1 -109.59
                LG      4387.89  11014.6 -114.55
THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.315/61.882, 1.87145 Z-:/14.268/63.553, 2.01036 Z0:/9.331/79.555, 5.42434

```

```

                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6004 [PANI115      115.00] 3PH      2715.44  13632.7 -116.48
                LG      2360.56  11851.0 -122.32
THEVENIN IMPEDANCE, X/R (OHM) Z+:/4.997/65.514, 2.19571 Z-:/5.002/66.681, 2.31986 Z0:/7.346/78.516, 4.92201

```

```

                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6005 [CHO230      230.00] 3PH      3625.81   9101.6 -111.10
                LG      4801.40  12052.6 -114.87
THEVENIN IMPEDANCE, X/R (OHM) Z+:/15.215/65.282, 2.17234 Z-:/15.083/67.575, 2.42318 Z0:/4.432/87.295, 21.16601

```

```

                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6006 [CHO115      115.00] 3PH      2220.54  11148.1 -120.23
                LG      2271.07  11401.8 -126.86
THEVENIN IMPEDANCE, X/R (OHM) Z+:/6.190/72.968, 3.26438 Z-:/6.065/76.136, 4.05171 Z0:/6.052/89.876, 462.96222

```

```

                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
   6008 [LSA230      230.00] 3PH      4382.98  11002.2 -109.03
                LG      3871.04   9717.2 -111.22
THEVENIN IMPEDANCE, X/R (OHM) Z+:/12.462/72.401, 3.15250 Z-:/12.466/73.334, 3.34038 Z0:/17.432/77.061, 4.35255

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                        /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6009 [LSA115      115.00] 3PH      2182.59  10957.6  -115.54
                        LG      953.54   4787.2  -123.35
THEVENIN IMPEDANCE, X/R (OHM) Z+:/6.261/77.919, 4.67204 Z-:/6.270/78.347, 4.84896 Z0:/30.618/88.828, 48.88859
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                        /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6011 [MDN230      230.00] 3PH      5026.87  12618.5  -102.86
                        LG      4268.59  10715.1  -102.23
THEVENIN IMPEDANCE, X/R (OHM) Z+:/10.640/80.775, 6.15683 Z-:/10.647/81.034, 6.33805 Z0:/16.309/79.160, 5.22216
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                        /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6012 [MDN115      115.00] 3PH      2334.39  11719.7  -103.39
                        LG      1962.68  9853.5   -103.90
THEVENIN IMPEDANCE, X/R (OHM) Z+:/5.704/85.270, 12.08514 Z-:/5.706/85.346, 12.28368 Z0:/8.944/86.394, 15.86869
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                        /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6014 [PRO230      230.00] 3PH      4253.35  10676.8  -101.40
                        LG      3946.76  9907.2   -100.99
THEVENIN IMPEDANCE, X/R (OHM) Z+:/12.594/82.592, 7.69064 Z-:/12.598/82.711, 7.81777 Z0:/15.527/81.409, 6.61902
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                        /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6015 [PRO115      115.00] 3PH      1308.65  6570.0   -106.19
                        LG      1341.28  6733.8   -106.54
THEVENIN IMPEDANCE, X/R (OHM) Z+:/10.205/87.348, 21.58844 Z-:/10.207/87.384, 21.88602 Z0:/9.460/88.432, 36.52800
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                        /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6018 [CAC115      115.00] 3PH      3681.85  18484.5  -111.28
                        LG      4120.40  20686.2  -116.44
THEVENIN IMPEDANCE, X/R (OHM) Z+:/3.672/60.288, 1.75235 Z-:/3.662/61.869, 1.87043 Z0:/2.592/77.910, 4.66847
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                        /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6087 [CAL115      115.00] 3PH      1641.59  8241.5   -99.26
                        LG      1189.93  5974.0   -98.23
THEVENIN IMPEDANCE, X/R (OHM) Z+:/8.145/85.139, 11.75776 Z-:/8.145/85.170, 11.83448 Z0:/17.424/83.115, 8.28211
-----

```

```

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

```

```

X----- BUS -----X
6096 [FOR230      230.00] 3PH
                                LG
MVA      /I/      AN(I)
5467.13  13723.7  -104.33
5338.43  13400.6  -105.83
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/9.799/80.705, 6.10998  Z-:/9.808/81.049, 6.34863  Z0:/10.515/84.699, 10.77755

```

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

```

X----- BUS -----X
6100 [BAY230      230.00] 3PH
                                LG
MVA      /I/      AN(I)
2033.50  5104.5   -119.80
2345.81  5888.5   -122.54
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/27.056/74.681, 3.65066  Z-:/27.080/75.356, 3.82701  Z0:/16.431/85.344, 12.27934

```

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

```

X----- BUS -----X
6171 [PAC230      230.00] 3PH
                                LG
MVA      /I/      AN(I)
2554.31  6411.9   -116.98
2642.01  6632.0   -120.08
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/21.494/69.817, 2.72046  Z-:/21.504/70.847, 2.87913  Z0:/19.486/78.626, 4.97122

```

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

```

X----- BUS -----X
6173 [STR115      115.00] 3PH
                                LG
MVA      /I/      AN(I)
1989.15  9986.4   -126.90
2161.07  10849.5  -128.01
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/6.869/73.656, 3.41001  Z-:/6.806/74.818, 3.68526  Z0:/5.296/76.150, 4.05605

```

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

```

X----- BUS -----X
6179 [GUA230      230.00] 3PH
                                LG
MVA      /I/      AN(I)
4891.64  12279.1  -105.25
4486.77  11262.8  -106.37
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/10.954/80.420, 5.92521  Z-:/10.964/80.776, 6.15788  Z0:/13.917/83.022, 8.17030

```

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

```

X----- BUS -----X
6182 [VEL230      230.00] 3PH
                                LG
MVA      /I/      AN(I)
4514.56  11332.5  -107.08
3693.65  9271.9   -106.75
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/12.004/77.187, 4.39689  Z-:/12.015/77.730, 4.59815  Z0:/19.999/76.140, 4.05302

```

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

```

X----- BUS -----X
6240 [EHIG230     230.00] 3PH
                                LG
MVA      /I/      AN(I)
2528.13  6346.2   -115.02
2125.80  5336.2   -117.25
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/21.666/72.562, 3.18353  Z-:/21.649/73.656, 3.41010  Z0:/34.029/76.927, 4.30655

```

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

```

X----- BUS -----X
6243 [VHE230      230.00] 3PH
MVA      /I/      AN(I)
2912.02  7309.8   -114.91

```

```

                LG      2913.22   7312.8  -118.29
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/18.866/67.371, 2.39891  Z-:/18.861/68.589, 2.55022  Z0:/18.981/76.253, 4.08772
-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6260 [CHA230      230.00] 3PH  2772.94  6960.7  -105.92
                LG      1961.25  4923.2  -104.68
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/19.507/80.598, 6.03939  Z-:/19.518/80.783, 6.16227  Z0:/43.736/78.163, 4.77149
-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6261 [CHA115      115.00] 3PH  1150.39  5775.5  -110.87
                LG      698.88   3508.7  -110.93
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/11.687/86.154, 14.87387  Z-:/11.691/86.217, 15.12385  Z0:/34.336/86.233, 15.18706
-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6263 [ESP230      230.00] 3PH  2779.95  6978.3  -106.06
                LG      2517.68  6319.9  -107.69
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/19.452/81.389, 6.60328  Z-:/19.463/81.575, 6.75186  Z0:/25.555/85.358, 12.31607
-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6340 [CAN230      230.00] 3PH  3766.33  9454.3  -106.50
                LG      2945.95  7395.0  -107.26
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/14.310/77.821, 4.63358  Z-:/14.328/78.252, 4.80856  Z0:/26.249/79.160, 5.22256
-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6380 [BOQIII230  230.00] 3PH  3597.74  9031.1  -102.36
                LG      3148.72  7904.0  -101.86
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/14.869/82.346, 7.44155  Z-:/14.874/82.477, 7.57182  Z0:/21.229/81.068, 6.36293
-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6440 [DOM230      230.00] 3PH  3699.34  9286.1  -101.46
                LG      2985.57  7494.4  -98.07
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/14.486/83.108, 8.27361  Z-:/14.489/83.195, 8.38027  Z0:/24.985/75.733, 3.93250
-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6460 [ECO230      230.00] 3PH  3198.73  8029.5  -113.12
                LG      2403.85  6034.2  -113.34
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/17.142/74.818, 3.68524  Z-:/17.157/75.577, 3.88822  Z0:/34.132/74.893, 3.70432

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6470 [24DIC230      230.00] 3PH      2996.58  7522.1  -114.40
                                LG      3025.91  7595.7  -117.98
THEVENIN IMPEDANCE, X/R (OHM) Z+:/18.333/66.799, 2.33304 Z-:/18.324/68.059, 2.48245 Z0:/17.959/76.407, 4.13584
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6510 [POR230      230.00] 3PH      3600.84  9038.9  -101.00
                                LG      2829.61  7102.9  -97.79
THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.896/82.879, 8.00475 Z-:/14.899/82.965, 8.10311 Z0:/27.175/76.091, 4.03823
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6520 [SBA230      230.00] 3PH      3389.11  8507.4  -110.18
                                LG      2197.01  5515.0  -109.01
THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.029/78.138, 4.76078 Z-:/16.044/78.624, 4.97014 Z0:/42.124/75.886, 3.97712
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6550 [BEV230      230.00] 3PH      3366.30  8450.2  -108.64
                                LG      2642.32  6632.8  -107.14
THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.106/78.340, 4.84592 Z-:/16.120/78.761, 5.03216 Z0:/29.361/74.979, 3.72649
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6713 [BUR230      230.00] 3PH      3431.70  8614.3  -112.41
                                LG      3227.50  8101.7  -116.45
THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.026/66.387, 2.28751 Z-:/16.007/67.795, 2.44979 Z0:/19.233/75.972, 4.00241
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6787 [BCA230      230.00] 3PH      3669.78  9211.9  -100.93
                                LG      2860.82  7181.3  -97.79
THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.620/82.728, 7.83669 Z-:/14.623/82.819, 7.93683 Z0:/27.113/76.141, 4.05316
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6801 [SAB230      230.00] 3PH      3107.98  7801.7  -114.33
                                LG      3524.72  8847.8  -118.08
THEVENIN IMPEDANCE, X/R (OHM) Z+:/17.753/66.997, 2.35554 Z-:/17.738/68.371, 2.52203 Z0:/11.679/80.081, 5.71871
-----

```

```

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

```

```

X----- BUS -----X
 6830 [ANT230      230.00] 3PH
                               LG
THEVENIN IMPEDANCE, X/R (OHM)

```

MVA	AMP	DEG
2866.63	7195.9	-114.57
2304.83	5785.6	-115.01

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 Z+:/19.154/74.537, 3.61500 Z-:/19.151/75.520, 3.87241 Z0:/33.166/74.917, 3.71044

```

X----- BUS -----X
 6836 [CHG500      500.00] 3PH
                               LG
THEVENIN IMPEDANCE, X/R (OHM)

```

MVA	AMP	DEG
4038.95	4663.8	-109.32
1976.99	2282.8	50.40

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 Z+:/64.565/75.701, 3.92354 Z-:/64.665/76.467, 4.15463 Z0:/519.097/-88.886, 51.40915

```

X----- BUS -----X
 6837 [CHG230      230.00] 3PH
                               LG
THEVENIN IMPEDANCE, X/R (OHM)

```

MVA	AMP	DEG
4700.25	11798.6	-106.34
3424.39	8596.0	-107.33

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 Z+:/11.500/76.815, 4.26839 Z-:/11.520/77.413, 4.47839 Z0:/24.338/78.461, 4.89812

```

X----- BUS -----X
 6839 [PAN3 500    500.00] 3PH
                               LG
THEVENIN IMPEDANCE, X/R (OHM)

```

MVA	AMP	DEG
3829.17	4421.5	-110.85
1981.49	2288.0	38.21

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 Z+:/68.376/67.790, 2.44926 Z-:/68.348/69.193, 2.63159 Z0:/519.097/-88.886, 51.40915

```

X----- BUS -----X
 6840 [PAN3 230    230.00] 3PH
                               LG
THEVENIN IMPEDANCE, X/R (OHM)

```

MVA	AMP	DEG
4158.62	10439.0	-108.31
4801.70	12053.3	-113.37

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 Z+:/13.226/61.293, 1.82604 Z-:/13.166/63.124, 1.97315 Z0:/8.268/79.686, 5.49500

```

X----- BUS -----X
 6861 [CHE230      230.00] 3PH
                               LG
THEVENIN IMPEDANCE, X/R (OHM)

```

MVA	AMP	DEG
2368.41	5945.2	-118.55
2522.26	6331.4	-120.76

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 Z+:/23.204/72.476, 3.16690 Z-:/23.224/73.340, 3.34156 Z0:/19.016/79.024, 5.15589

```

X----- BUS -----X
 6882 [GON230      230.00] 3PH
                               LG
THEVENIN IMPEDANCE, X/R (OHM)

```

MVA	AMP	DEG
3616.90	9079.2	-110.93
3962.44	9946.6	-115.67

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 Z+:/15.213/63.213, 1.98078 Z-:/15.176/64.791, 2.12420 Z0:/11.536/78.397, 4.87019