

Tomo III - Anexo - 6
Reportes de Cortocircuito

2019 DEMANDA MÁXIMA LLUVIOSA

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<-SCMVA-> <-Sym I''k rms-->
                                     /I/   AN(I)
X----- BUS -----X               MVA    AMP    DEG
  6000 [FRONTPRO   230.00] 3PH      2679.63  6726.5  -87.32
                                     LG      741.08  1860.3  -80.42
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/19.924/81.724, 6.87505  Z-:/19.924/81.724, 6.87505  Z0:/176.635/73.274, 3.32775

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                                     <-SCMVA-> <-Sym I''k rms-->
                                     /I/   AN(I)
X----- BUS -----X               MVA    AMP    DEG
  6001 [PAN230     230.00] 3PH      3088.74  7753.4 -107.49
                                     LG      3441.25  8638.3 -111.30
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/16.922/61.002, 1.80417  Z-:/16.922/61.002, 1.80417  Z0:/12.008/75.574, 3.88754

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                                     <-SCMVA-> <-Sym I''k rms-->
                                     /I/   AN(I)
X----- BUS -----X               MVA    AMP    DEG
  6002 [PAN115    115.00] 3PH      2717.79  13644.5 -109.42
                                     LG      1121.84  5632.1  -130.18
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/4.898/59.490, 1.69696  Z-:/4.898/59.490, 1.69696  Z0:/26.662/87.731, 25.23288

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                                     <-SCMVA-> <-Sym I''k rms-->
                                     /I/   AN(I)
X----- BUS -----X               MVA    AMP    DEG
  6003 [PANII230  230.00] 3PH      3117.99  7826.8 -108.50
                                     LG      3204.63  8044.3 -112.45
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/17.030/62.658, 1.93396  Z-:/17.030/62.658, 1.93396  Z0:/15.904/75.097, 3.75754

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-----
                                     <-SCMVA-> <-Sym I''k rms-->
                                     /I/   AN(I)
X----- BUS -----X               MVA    AMP    DEG
  6004 [PANII115  115.00] 3PH      2272.71  11410.0 -114.10

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LG 992.97 4985.2 -128.72
THEVENIN IMPEDANCE, X/R (OHM) Z+:/5.900/65.457, 2.18991 Z-:/5.900/65.457, 2.18991 Z0:/29.248/85.932, 14.05975

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6005 [CHO230 230.00] 3PH 2885.76 7243.9 -107.90
 LG 4126.57 10358.6 -109.18
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/18.034/63.957, 2.04643 Z-:/18.034/63.957, 2.04643 Z0:/1.949/89.623, 151.94179

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6006 [CHO115 115.00] 3PH 1764.06 8856.4 -117.69
 LG 2158.33 10835.7 -120.88
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/7.343/72.372, 3.14709 Z-:/7.343/72.372, 3.14709 Z0:/3.440/89.307, 82.62713

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6008 [LSA230 230.00] 3PH 3558.31 8932.1 -102.26
 LG 2386.90 5991.6 -104.36
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.679/70.692, 2.85428 Z-:/14.679/70.692, 2.85428 Z0:/36.327/74.482, 3.60155

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6009 [LSA115 115.00] 3PH 1750.89 8790.3 -110.86
 LG 0.00 0.0 0.00
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/7.377/77.502, 4.51127 Z-:/7.377/77.502, 4.51127 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 3768.20 9459.0 -91.60
 LG 1384.78 3476.1 -87.05
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/13.949/80.693, 6.10192 Z-:/13.949/80.693, 6.10192 Z0:/86.093/74.660, 3.64548

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

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X----- BUS -----X
 6012 [MDN115      115.00] 3PH
                               LG
MVA      /I/      AN(I)
2156.27  AMP      DEG
                               0.00
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/6.145/83.956, 9.44443 Z-:/6.145/83.956, 9.44443 Z0:/0.13E+09/90.000, 9999.999

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

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X----- BUS -----X
 6014 [PRO230      230.00] 3PH
                               LG
MVA      /I/      AN(I)
2818.19  AMP      DEG
                               0.00
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/18.933/82.110, 7.21563 Z-:/18.933/82.110, 7.21563 Z0:/163.315/73.335, 3.34067

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

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X----- BUS -----X
 6015 [PRO115      115.00] 3PH
                               LG
MVA      /I/      AN(I)
1050.23  AMP      DEG
                               0.00
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/12.691/86.574, 16.70283 Z-:/12.691/86.574, 16.70283 Z0:/0.13E+09/90.000, 9999.999

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

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X----- BUS -----X
 6018 [CAC115      115.00] 3PH
                               LG
MVA      /I/      AN(I)
2669.61  AMP      DEG
1105.86  5551.9  -130.18
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/4.981/59.676, 1.70965 Z-:/4.981/59.676, 1.70965 Z0:/26.964/87.542, 23.29691

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

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X----- BUS -----X
 6087 [CAL115      115.00] 3PH
                               LG
MVA      /I/      AN(I)
1618.37  AMP      DEG
860.94   4322.3  -92.59
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/8.279/84.817, 11.02529 Z-:/8.279/84.817, 11.02529 Z0:/30.173/90.000, 9999.999

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

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X----- BUS -----X
 6173 [STR115      115.00] 3PH
                               LG
MVA      /I/      AN(I)
1241.08  AMP      DEG
0.00     0.00     0.00
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/10.437/66.709, 2.32301 Z-:/10.437/66.709, 2.32301 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
  6179 [GUA230      230.00] 3PH    3534.72  8872.9  -92.98
                                LG    1424.61  3576.1  -88.45
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/14.873/81.798, 6.93806  Z-:/14.873/81.798, 6.93806  Z0:/81.089/75.604, 3.89594

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-----
<-SCMVA-> <-Sym I''k rms-->
                /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6182 [VEL230      230.00] 3PH    3737.80  9382.7  -97.58
                                LG    1895.53  4758.2  -96.51
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/13.925/76.808, 4.26610  Z-:/13.925/76.808, 4.26610  Z0:/54.535/75.201, 3.78507

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-----
<-SCMVA-> <-Sym I''k rms-->
                /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6240 [EHIG230     230.00] 3PH    2361.75  5928.5 -108.04
                                LG    2049.58  5144.9 -110.02
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/21.960/68.916, 2.59376  Z-:/21.960/68.916, 2.59376  Z0:/32.056/73.613, 3.40046

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-----
<-SCMVA-> <-Sym I''k rms-->
                /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6260 [CHA230      230.00] 3PH    2338.41  5869.9  -87.89
                                LG    1096.84  2753.3  -86.58
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/22.969/82.597, 7.69586  Z-:/22.969/82.597, 7.69586  Z0:/100.986/80.686, 6.09707

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-----
<-SCMVA-> <-Sym I''k rms-->
                /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6261 [CHA115      115.00] 3PH    809.18   4062.5  -91.68
                                LG    755.96   3795.2  -90.91
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/16.625/87.312, 21.29993  Z-:/16.625/87.312, 21.29993  Z0:/20.145/85.270, 12.08588

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

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6340 [CAN230      230.00] 3PH   1993.93   5005.2   -90.53
                                LG     966.67   2426.6   -87.17
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/26.502/81.254, 6.50034  Z-:/26.502/81.254, 6.50034  Z0:/111.125/76.284, 4.09706

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-----
<-SCMVA-> <-Sym I''k rms-->
                                /I/   AN(I)
X----- BUS -----X          MVA     AMP     DEG
6380 [BOQIII230  230.00] 3PH   2923.11  7337.6   -89.04
                                LG     988.92  2482.4   -83.10
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/18.123/81.450, 6.65156  Z-:/18.123/81.450, 6.65156  Z0:/124.710/73.795, 3.44084

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-----
<-SCMVA-> <-Sym I''k rms-->
                                /I/   AN(I)
X----- BUS -----X          MVA     AMP     DEG
6400 [FRONTCHA   230.00] 3PH   2038.01  5115.8   -87.44
                                LG     0.00    0.0     0.00
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/26.389/82.128, 7.23217  Z-:/26.389/82.128, 7.23217  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
6401 [PM230-29   230.00] 3PH   2615.86  6566.4   -92.59
                                LG    1169.79 2936.4   -88.21
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/20.129/82.086, 7.19371  Z-:/20.129/82.086, 7.19371  Z0:/94.947/75.852, 3.96702

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-----
<-SCMVA-> <-Sym I''k rms-->
                                /I/   AN(I)
X----- BUS -----X          MVA     AMP     DEG
6440 [DOM230     230.00] 3PH   2491.73  6254.8   -90.09
                                LG    1057.26 2653.9   -83.73
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/21.362/83.290, 8.49925  Z-:/21.362/83.290, 8.49925  Z0:/108.679/74.442, 3.59179

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-----
<-SCMVA-> <-Sym I''k rms-->
                                /I/   AN(I)
X----- BUS -----X          MVA     AMP     DEG
6441 [PRIM230    230.00] 3PH   1860.51  4670.3   -88.86
                                LG     0.00    0.0     0.00
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/28.632/82.336, 7.43165  Z-:/28.632/82.336, 7.43165  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
 6500 [FRONTDOM 230.00] 3PH 2508.40 6296.6 -89.47
                LG      0.00      0.0      0.00
THEVENIN IMPEDANCE, X/R (OHM) Z+:/21.244/82.818, 7.93550 Z-:/21.244/82.818, 7.93550 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
 6520 [SBA230 230.00] 3PH 2819.94 7078.7 -101.68
                LG      1720.93 4319.9 -101.29
THEVENIN IMPEDANCE, X/R (OHM) Z+:/18.463/77.086, 4.36132 Z-:/18.463/77.086, 4.36132 Z0:/53.838/76.423, 4.14088

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-----
<-SCMVA-> <-Sym I''k rms-->
                /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
 6521 [SBA115 115.00] 3PH 724.62 3637.9 -110.28
                LG      743.08 3730.6 -109.44
THEVENIN IMPEDANCE, X/R (OHM) Z+:/18.075/87.153, 20.10904 Z-:/18.075/87.153, 20.10904 Z0:/16.741/84.488, 10.36198

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-----
<-SCMVA-> <-Sym I''k rms-->
                /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
 6713 [BUR230 230.00] 3PH 1903.61 4778.5 -115.20
                LG      1481.65 3719.3 -116.55
THEVENIN IMPEDANCE, X/R (OHM) Z+:/27.947/71.247, 2.94533 Z-:/27.947/71.247, 2.94533 Z0:/51.857/74.050, 3.49889

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-----
<-SCMVA-> <-Sym I''k rms-->
                /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
 6802 [PM1-SAB 230.00] 3PH 2108.70 5293.3 -118.94
                LG      2095.28 5259.6 -120.13
THEVENIN IMPEDANCE, X/R (OHM) Z+:/25.197/74.506, 3.60733 Z-:/25.197/74.506, 3.60733 Z0:/25.713/78.032, 4.71768

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-----
<-SCMVA-> <-Sym I''k rms-->
                /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
 6803 [PM2-SAB 230.00] 3PH 2108.70 5293.3 -118.94
                LG      2095.28 5259.6 -120.13

```

THEVENIN IMPEDANCE, X/R (OHM) Z+:/25.197/74.506, 3.60733 Z-:/25.197/74.506, 3.60733 Z0:/25.713/78.032, 4.71768

		<-SCMVA-> <-Sym I''k rms-->		
			/I/	AN(I)
X-----	BUS -----X	MVA	AMP	DEG
6811	[STAT-LSA 230.00] 3PH	3429.72	8609.3	-102.99
	LG	0.00	0.0	0.00
THEVENIN IMPEDANCE, X/R (OHM)		Z+:/15.230/71.416, 2.97417	Z-:/15.230/71.416, 2.97417	Z0:/0.53E+09/90.000, 9999.999

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

X----- BUS -----X	MVA	/I/ AMP	AN (I) DEG
6000 [FRONTPRO 230.00] 3PH	2804.28	7039.4	-89.95
LG	2228.58	5594.2	-88.42
THEVENIN IMPEDANCE, X/R (OHM)	Z+:/19.101/81.867, 6.99706 Z-:/19.102/81.931, 7.05390 Z0:/33.934/78.593, 4.95646		

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

X----- BUS -----X	MVA	/I/ AMP	AN (I) DEG
6001 [PAN230 230.00] 3PH	2927.72	7349.2	-113.13
LG	3504.27	8796.5	-118.57
THEVENIN IMPEDANCE, X/R (OHM)	Z+:/18.169/58.654, 1.64174 Z-:/17.969/61.290, 1.82576 Z0:/9.853/79.389, 5.33785		

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

X----- BUS -----X	MVA	/I/ AMP	AN (I) DEG
6002 [PAN115 115.00] 3PH	2677.04	13439.9	-115.18
LG	3156.07	15844.9	-121.77
THEVENIN IMPEDANCE, X/R (OHM)	Z+:/4.988/57.216, 1.55265 Z-:/4.945/59.703, 1.71147 Z0:/2.955/82.083, 7.19051		

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

X----- BUS -----X	MVA	/I/ AMP	AN (I) DEG
6003 [PANII230 230.00] 3PH	2899.21	7277.7	-114.17
LG	3434.60	8621.6	-119.21
THEVENIN IMPEDANCE, X/R (OHM)	Z+:/18.598/60.079, 1.73756 Z-:/18.452/62.409, 1.91358 Z0:/10.444/79.010, 5.14948		

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

X----- BUS -----X	MVA	/I/ AMP	AN (I) DEG
6004 [PANIII115 115.00] 3PH	2211.24	11101.4	-120.10
LG	2037.81	10230.7	-126.98
THEVENIN IMPEDANCE, X/R (OHM)	Z+:/6.013/63.112, 1.97214 Z-:/6.001/64.943, 2.13895 Z0:/7.728/79.279, 5.28188		

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

X----- BUS -----X	MVA	/I/ AMP	AN (I) DEG

6005 [CHO230 230.00] 3PH 2760.38 6929.1 -113.25
 LG 3759.11 9436.2 -117.27
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/19.274/61.662, 1.85427 Z-:/18.982/64.567, 2.10286 Z0:/4.590/87.692, 24.81355

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6006 [CHO115 115.00] 3PH 1739.87 8734.9 -123.49
 LG 1907.11 9574.5 -130.32
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/7.613/70.552, 2.83205 Z-:/7.371/74.204, 3.53491 Z0:/6.062/89.891, 524.75830

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6008 [LSA230 230.00] 3PH 3508.92 8808.1 -106.71
 LG 3184.21 7993.1 -110.13
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/15.131/69.014, 2.60695 Z-:/15.099/70.471, 2.81933 Z0:/19.877/76.527, 4.17388

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6009 [LSA115 115.00] 3PH 1785.23 8962.6 -115.75
 LG 867.36 4354.5 -124.29
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/7.364/76.199, 4.07103 Z-:/7.376/76.893, 4.29474 Z0:/30.952/88.628, 41.75719

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6011 [MDN230 230.00] 3PH 4198.63 10539.5 -94.13
 LG 3639.63 9136.3 -93.05
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/12.594/81.356, 6.57803 Z-:/12.597/81.593, 6.76638 Z0:/18.406/78.637, 4.97586

 <-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6012 [MDN115 115.00] 3PH 2244.23 11267.0 -94.69
 LG 1899.23 9535.0 -95.36
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/5.930/84.551, 10.48356 Z-:/5.932/84.630, 10.63763 Z0:/9.162/86.045, 14.46536

THEVENIN IMPEDANCE, X/R (OHM) Z+:/12.507/82.310, 7.40579 Z-:/12.511/82.564, 7.66236 Z0:/14.222/83.195, 8.37977

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6182 [VEL230 230.00] 3PH 3865.06 9702.1 -101.57
 LG 2970.12 7455.7 -101.41
THEVENIN IMPEDANCE, X/R (OHM) Z+:/13.712/76.141, 4.05312 Z-:/13.716/76.915, 4.30217 Z0:/26.108/75.419, 3.84434

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6240 [EHIG230 230.00] 3PH 2318.08 5818.9 -113.36
 LG 1731.58 4346.6 -116.38
THEVENIN IMPEDANCE, X/R (OHM) Z+:/22.785/67.216, 2.38078 Z-:/22.672/68.983, 2.60272 Z0:/46.117/72.339, 3.14078

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6260 [CHA230 230.00] 3PH 2389.63 5998.5 -89.57
 LG 1798.76 4515.3 -87.46
THEVENIN IMPEDANCE, X/R (OHM) Z+:/22.573/82.418, 7.51281 Z-:/22.573/82.466, 7.56081 Z0:/44.881/78.153, 4.76731

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6261 [CHA115 115.00] 3PH 745.19 3741.2 -93.32
 LG 428.09 2149.2 -93.70
THEVENIN IMPEDANCE, X/R (OHM) Z+:/18.090/87.098, 19.72421 Z-:/18.091/87.108, 19.79694 Z0:/58.292/87.708, 24.98928

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6340 [CAN230 230.00] 3PH 2137.64 5365.9 -92.70
 LG 1823.27 4576.8 -91.97
THEVENIN IMPEDANCE, X/R (OHM) Z+:/24.881/81.373, 6.59131 Z-:/24.883/81.465, 6.66338 Z0:/37.759/79.622, 5.46061

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

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X----- BUS -----X
 6380 [BOQIII230 230.00] 3PH
                               LG
THEVENIN IMPEDANCE, X/R (OHM)

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MVA	AMP	DEG
3075.81	7721.0	-91.50
2837.78	7123.5	-91.25

Z+:/17.309/81.655, 6.81707 Z-:/17.310/81.766, 6.91065 Z0:/21.664/80.909, 6.24972

```

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

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```

X----- BUS -----X
 6400 [FRONTCHA 230.00] 3PH
                               LG
THEVENIN IMPEDANCE, X/R (OHM)

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MVA	AMP	DEG
2073.05	5203.8	-89.21
867.75	2178.2	-83.67

Z+:/26.044/81.993, 7.10917 Z-:/26.045/82.029, 7.14138 Z0:/134.911/74.308, 3.55942

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

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```

X----- BUS -----X
 6401 [PM230-29 230.00] 3PH
                               LG
THEVENIN IMPEDANCE, X/R (OHM)

```

MVA	AMP	DEG
2942.20	7385.6	-95.08
2475.67	6214.5	-93.41

Z+:/18.030/82.461, 7.55583 Z-:/18.034/82.619, 7.71952 Z0:/28.257/78.566, 4.94418

```

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

```

```

X----- BUS -----X
 6440 [DOM230 230.00] 3PH
                               LG
THEVENIN IMPEDANCE, X/R (OHM)

```

MVA	AMP	DEG
2539.18	6373.9	-93.11
2007.09	5038.2	-89.02

Z+:/21.029/83.254, 8.45369 Z-:/21.030/83.327, 8.54750 Z0:/37.981/74.589, 3.62766

```

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

```

```

X----- BUS -----X
 6441 [PRIM230 230.00] 3PH
                               LG
THEVENIN IMPEDANCE, X/R (OHM)

```

MVA	AMP	DEG
1887.03	4736.9	-91.87
1532.37	3846.6	-88.63

Z+:/28.314/82.294, 7.39032 Z-:/28.315/82.346, 7.44116 Z0:/48.174/75.198, 3.78418

```

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

```

```

X----- BUS -----X
 6500 [FRONTDOM 230.00] 3PH
                               LG
THEVENIN IMPEDANCE, X/R (OHM)

```

MVA	AMP	DEG
2559.78	6425.6	-92.42
1888.39	4740.3	-88.32

Z+:/20.880/82.794, 7.90940 Z-:/20.882/82.862, 7.98579 Z0:/43.363/74.714, 3.65896

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
6520 [SBA230      230.00] 3PH  2863.80  7188.8  -106.05
                LG      1907.79  4789.0  -105.89
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/18.603/76.222, 4.07799  Z-:/18.610/76.992, 4.32871  Z0:/46.566/75.630, 3.90334
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
6521 [SBA115      115.00] 3PH  771.26  3872.1  -115.42
                LG      0.00      0.0      0.00
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/17.302/87.013, 19.16131  Z-:/17.312/87.177, 20.28230  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  1850.62  4645.4  -121.16
                LG      1543.80  3875.3  -123.90
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/29.154/69.341, 2.65222  Z-:/29.141/70.718, 2.85841  Z0:/46.637/74.634, 3.63897
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
6802 [PM1-SAB      230.00] 3PH  2282.42  5729.4  -124.98
                LG      2248.94  5645.3  -126.84
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/23.611/73.732, 3.42677  Z-:/23.609/74.905, 3.70745  Z0:/24.704/78.044, 4.72233
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
6803 [PM2-SAB      230.00] 3PH  2282.42  5729.4  -124.98
                LG      2248.94  5645.3  -126.84
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/23.611/73.732, 3.42677  Z-:/23.609/74.905, 3.70745  Z0:/24.704/78.044, 4.72233
-----

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
6811 [SVC-LSA      230.00] 3PH  3508.92  8808.1  -106.71
-----

```

```

                LG      3184.21   7993.1  -110.13
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/15.131/69.014, 2.60695  Z-:/15.099/70.471, 2.81933  Z0:/19.877/76.527, 4.17388

```

```

-----
                <-SCMVA-> <-Sym I''k rms-->
                        /I/      AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6816 [SVC-PAN2   230.00] 3PH  2822.34  7084.7  -115.04
                LG      0.00      0.0      0.00
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/19.104/60.949, 1.80029  Z-:/18.970/63.223, 1.98167  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  2331.11  5851.6  -114.27
                LG      1997.09  5013.1  -116.33
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/22.743/71.112, 2.92274  Z-:/22.688/72.620, 3.19492  Z0:/34.242/74.908, 3.70812

```

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```

<-SCMVA-> <-Sym I''k rms-->
              /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6000 [FRONTPRO  230.00] 3PH  3218.18  8078.3  -96.51
                               LG  2487.75  6244.8  -94.63
THEVENIN IMPEDANCE, X/R (OHM) Z+:/16.550/82.513, 7.60952 Z-:/16.555/82.614, 7.71466 Z0:/31.162/78.583, 4.95179

```

```

<-SCMVA-> <-Sym I''k rms-->
              /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6001 [PAN230    230.00] 3PH  2720.97  6830.2 -114.56
                               LG  3294.27  8269.3 -120.42
THEVENIN IMPEDANCE, X/R (OHM) Z+:/19.155/55.983, 1.48161 Z-:/19.004/58.742, 1.64745 Z0:/9.892/79.369, 5.32760

```

```

<-SCMVA-> <-Sym I''k rms-->
              /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6002 [PAN115    115.00] 3PH  2467.17 12386.3 -116.98
                               LG  2944.59 14783.1 -124.00
THEVENIN IMPEDANCE, X/R (OHM) Z+:/5.232/54.468, 1.40027 Z-:/5.207/57.079, 1.54454 Z0:/2.957/82.081, 7.18943

```

```

<-SCMVA-> <-Sym I''k rms-->
              /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6003 [PANII230  230.00] 3PH  2719.53  6826.6 -115.62
                               LG  3255.73  8172.6 -121.10
THEVENIN IMPEDANCE, X/R (OHM) Z+:/19.439/57.578, 1.57439 Z-:/19.344/60.030, 1.73413 Z0:/10.451/79.074, 5.18012

```

```

<-SCMVA-> <-Sym I''k rms-->
              /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6004 [PANII115  115.00] 3PH  2097.05 10528.1 -121.93
                               LG  1958.54  9832.7 -129.65
THEVENIN IMPEDANCE, X/R (OHM) Z+:/6.194/60.706, 1.78241 Z-:/6.199/62.636, 1.93216 Z0:/7.728/79.283, 5.28393

```



```

<-SCMVA-> <-Sym I''k rms-->
          /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
 6005 [CHO230      230.00] 3PH  2605.42  6540.2  -114.90
                      LG    3563.30  8944.6  -119.11
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/20.034/59.317, 1.68534  Z-:/19.781/62.344, 1.90828  Z0:/4.592/87.696, 24.85443

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
          /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
 6006 [CHO115      115.00] 3PH  1784.56  8959.3  -124.54
                      LG    1933.87  9708.9  -132.26
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/7.290/67.882, 2.46043  Z-:/7.102/71.432, 2.97698  Z0:/6.062/89.891, 525.40857

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
          /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
 6008 [LSA230      230.00] 3PH  3421.52  8588.8  -109.01
                      LG    3125.36  7845.3  -112.97
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/15.311/67.613, 2.42780  Z-:/15.309/69.153, 2.62608  Z0:/19.789/76.507, 4.16737

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
          /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
 6009 [LSA115      115.00] 3PH  1754.46  8808.2  -118.73
                      LG    855.43  4294.6  -127.72
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/7.395/75.529, 3.87493  Z-:/7.416/76.256, 4.08837  Z0:/30.938/88.632, 41.86239

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
          /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
 6011 [MDN230      230.00] 3PH  4485.01  11258.4  -97.99
                      LG    3968.05  9960.7  -97.07
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/11.779/81.572, 6.74914  Z-:/11.787/81.816, 6.95321  Z0:/16.384/79.157, 5.22106

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
          /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
 6012 [MDN115      115.00] 3PH  2290.96  11501.6  -98.74
                      LG    1941.07  9745.0  -99.45

```

THEVENIN IMPEDANCE, X/R (OHM) Z+:/5.810/84.802, 10.99296 Z-:/5.812/84.879, 11.15763 Z0:/8.952/86.385, 15.82842

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6014 [PRO230 230.00] 3PH 3574.55 8972.9 -96.68
 LG 3337.42 8377.7 -96.42
THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.886/82.866, 7.98969 Z-:/14.892/82.984, 8.12594 Z0:/18.055/82.085, 7.19282

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6015 [PRO115 115.00] 3PH 1233.35 6192.0 -100.94
 LG 1274.09 6396.5 -101.32
THEVENIN IMPEDANCE, X/R (OHM) Z+:/10.777/87.203, 20.46757 Z-:/10.779/87.243, 20.76527 Z0:/9.742/88.368, 35.09658

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6018 [CAC115 115.00] 3PH 2444.20 12270.9 -117.22
 LG 2890.12 14509.7 -123.66
THEVENIN IMPEDANCE, X/R (OHM) Z+:/5.278/54.613, 1.40783 Z-:/5.253/57.204, 1.55191 Z0:/3.054/79.065, 5.17609

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6087 [CAL115 115.00] 3PH 1636.33 8215.1 -95.20
 LG 1190.80 5978.3 -94.24
THEVENIN IMPEDANCE, X/R (OHM) Z+:/8.208/84.992, 11.41247 Z-:/8.209/85.024, 11.48583 Z0:/17.426/83.117, 8.28410

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6173 [STR115 115.00] 3PH 1196.83 6008.6 -130.74
 LG 1414.90 7103.4 -134.61
THEVENIN IMPEDANCE, X/R (OHM) Z+:/10.397/63.493, 2.00508 Z-:/10.325/65.863, 2.23169 Z0:/5.772/77.052, 4.34964

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

```

X----- BUS -----X
6179 [GUA230      230.00] 3PH
                                LG
THEVENIN IMPEDANCE, X/R (OHM)

```

MVA	AMP	DEG
4290.77	10770.8	-99.28
4083.15	10249.6	-99.72

Z+:/12.295/82.132, 7.23668 Z-:/12.305/82.394, 7.48894 Z0:/14.162/83.103, 8.26737

```

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

```

```

X----- BUS -----X
6182 [VEL230      230.00] 3PH
                                LG
THEVENIN IMPEDANCE, X/R (OHM)

```

MVA	AMP	DEG
3850.48	9665.5	-104.61
2971.94	7460.2	-104.81

Z+:/13.654/75.385, 3.83496 Z-:/13.674/76.200, 4.07113 Z0:/25.743/75.366, 3.82974

```

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

```

```

X----- BUS -----X
6240 [EHIG230     230.00] 3PH
                                LG
THEVENIN IMPEDANCE, X/R (OHM)

```

MVA	AMP	DEG
2236.84	5615.0	-115.59
1687.71	4236.5	-119.40

Z+:/23.221/65.629, 2.20743 Z-:/23.154/67.494, 2.41348 Z0:/46.077/72.333, 3.13962

```

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

```

```

X----- BUS -----X
6260 [CHA230      230.00] 3PH
                                LG
THEVENIN IMPEDANCE, X/R (OHM)

```

MVA	AMP	DEG
2399.20	6022.5	-93.87
1799.72	4517.7	-91.78

Z+:/22.414/82.351, 7.44565 Z-:/22.416/82.399, 7.49367 Z0:/44.872/78.143, 4.76303

```

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

```

```

X----- BUS -----X
6261 [CHA115      115.00] 3PH
                                LG
THEVENIN IMPEDANCE, X/R (OHM)

```

MVA	AMP	DEG
1091.72	5480.9	-97.42
680.23	3415.1	-97.32

Z+:/12.299/86.330, 15.59086 Z-:/12.300/86.348, 15.66961 Z0:/34.619/86.160, 14.89733

```

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

```

```

X----- BUS -----X
6340 [CAN230      230.00] 3PH
                                LG
THEVENIN IMPEDANCE, X/R (OHM)

```

MVA	AMP	DEG
2144.63	5383.5	-96.64
1824.00	4578.6	-95.93

Z+:/24.706/81.291, 6.52779 Z-:/24.713/81.384, 6.59982 Z0:/37.739/79.601, 5.44907

```

-----
<-SCMVA-> <-Sym I''k rms-->
          /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
6380 [BOQIII230  230.00] 3PH  3216.27  8073.5  -97.38
          LG      2914.72  7316.6  -96.87
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/16.493/82.744, 7.85458  Z-:/16.500/82.875, 7.99999  Z0:/21.610/81.351, 6.57380
-----

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
          /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
6400 [FRONTCHA  230.00] 3PH  2076.82  5213.3  -93.63
          LG      866.36  2174.7  -88.11
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/25.921/81.939, 7.06102  Z-:/25.923/81.976, 7.09347  Z0:/134.902/74.304, 3.55853
-----

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
          /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
6401 [PM230-29  230.00] 3PH  2962.22  7435.8  -98.86
          LG      2481.91  6230.1  -97.21
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/17.834/82.349, 7.44437  Z-:/17.843/82.511, 7.60672  Z0:/28.215/78.520, 4.92414
-----

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
          /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
6440 [DOM230    230.00] 3PH  2576.74  6468.2  -98.40
          LG      2027.22  5088.8  -94.31
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/20.624/83.182, 8.36366  Z-:/20.630/83.269, 8.47278  Z0:/37.616/74.544, 3.61675
-----

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
          /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
6441 [PRIM230   230.00] 3PH  1903.63  4778.5  -97.17
          LG      1541.46  3869.4  -93.93
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/27.930/82.222, 7.32148  Z-:/27.934/82.284, 7.38056  Z0:/47.809/75.167, 3.77614
-----

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
          /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
6500 [FRONTDOM  230.00] 3PH  2614.27  6562.4  -97.80
-----

```

LG 1911.55 4798.4 -93.67
THEVENIN IMPEDANCE, X/R (OHM) Z+:/20.350/82.753, 7.86365 Z-:/20.355/82.836, 7.95547 Z0:/42.998/74.677, 3.64954

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6520 [SBA230 230.00] 3PH 2834.17 7114.4 -109.04
 LG 1893.44 4752.9 -109.31
THEVENIN IMPEDANCE, X/R (OHM) Z+:/18.610/75.462, 3.85618 Z-:/18.641/76.272, 4.09359 Z0:/46.319/75.610, 3.89748

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6521 [SBA115 115.00] 3PH 763.20 3831.6 -119.11
 LG 0.00 0.0 0.00
THEVENIN IMPEDANCE, X/R (OHM) Z+:/17.293/86.848, 18.16108 Z-:/17.310/87.019, 19.20037 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 2249.97 5647.9 -119.38
 LG 2118.54 5318.0 -124.16
THEVENIN IMPEDANCE, X/R (OHM) Z+:/23.498/64.031, 2.05311 Z-:/23.497/65.881, 2.23351 Z0:/28.164/75.271, 3.80397

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6802 [PM1-SAB 230.00] 3PH 1793.86 4503.0 -127.48
 LG 1900.91 4771.7 -130.31
THEVENIN IMPEDANCE, X/R (OHM) Z+:/29.619/70.084, 2.76009 Z-:/29.674/71.453, 2.98052 Z0:/24.705/78.049, 4.72451

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
X----- BUS -----X MVA AMP DEG
 6803 [PM2-SAB 230.00] 3PH 1793.86 4503.0 -127.48
 LG 1900.91 4771.7 -130.31
THEVENIN IMPEDANCE, X/R (OHM) Z+:/29.619/70.084, 2.76009 Z-:/29.674/71.453, 2.98052 Z0:/24.705/78.049, 4.72451

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

```

X----- BUS -----X
 6811 [SVC-LSA      230.00] 3PH
                               LG
MVA      /I/      AN(I)
3421.52  AMP      DEG
3125.36  8588.8   -109.01
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/15.311/67.613, 2.42780  Z-:/15.309/69.153, 2.62608  Z0:/19.789/76.507, 4.16737

```

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

```

X----- BUS -----X
 6816 [SVC-PAN2    230.00] 3PH
                               LG
MVA      /I/      AN(I)
2652.18  AMP      DEG
0.00     0.0      0.00
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/19.933/58.475, 1.63022  Z-:/19.850/60.869, 1.79435  Z0:/0.53E+09/90.000, 9999.999

```

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

```

X----- BUS -----X
 6830 [ANT230      230.00] 3PH
                               LG
MVA      /I/      AN(I)
2262.33  AMP      DEG
1950.39  5679.0   -116.64
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/23.065/69.688, 2.70154  Z-:/23.054/71.280, 2.95096  Z0:/34.206/74.901, 3.70629

```

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

```

X----- BUS -----X
 6861 [CHE230      230.00] 3PH
                               LG
MVA      /I/      AN(I)
2120.38  AMP      DEG
2301.56  5322.6   -124.51
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/25.126/69.252, 2.63975  Z-:/25.163/70.686, 2.85331  Z0:/19.335/79.077, 5.18177

```

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```

<-SCMVA-> <-Sym I''k rms-->
X----- BUS -----X          MVA      /I/      AN(I)
          6000 [FRONTPRO  230.00] 3PH    3224.13  8093.3   -96.78
                               LG      2493.16  6258.4   -94.98
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/16.565/82.358, 7.45310  Z-:/16.574/82.470, 7.56503  Z0:/31.161/78.582, 4.95152
-----
                                <-SCMVA-> <-Sym I''k rms-->
                                /I/      AN(I)
X----- BUS -----X          MVA      AMP      DEG
          6001 [PAN230    230.00] 3PH    2783.47  6987.1   -113.60
                               LG      3461.28  8688.6   -119.60
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/19.356/53.470, 1.34994  Z-:/19.237/56.455, 1.50824  Z0:/8.779/79.701, 5.50341
-----
                                <-SCMVA-> <-Sym I''k rms-->
                                /I/      AN(I)
X----- BUS -----X          MVA      AMP      DEG
          6002 [PAN115    115.00] 3PH    2516.25  12632.7  -116.13
                               LG      3022.45  15174.0  -123.56
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/5.330/52.517, 1.30401  Z-:/5.308/55.377, 1.44834  Z0:/2.953/82.106, 7.21208
-----
                                <-SCMVA-> <-Sym I''k rms-->
                                /I/      AN(I)
X----- BUS -----X          MVA      AMP      DEG
          6003 [PANII230  230.00] 3PH    2721.31  6831.1   -114.64
                               LG      3346.04  8399.3   -120.55
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/19.915/54.465, 1.40014  Z-:/19.827/57.282, 1.55656  Z0:/9.509/79.536, 5.41432
-----
                                <-SCMVA-> <-Sym I''k rms-->
                                /I/      AN(I)
X----- BUS -----X          MVA      AMP      DEG
          6004 [PANII115  115.00] 3PH    2108.21  10584.1  -121.39
                               LG      1999.36  10037.7  -129.97
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/6.393/58.296, 1.61885  Z-:/6.407/60.502, 1.76765  Z0:/7.715/79.330, 5.30780
-----
                                <-SCMVA-> <-Sym I''k rms-->

```

```

X----- BUS -----X
6005 [CHO230      230.00] 3PH
                        LG
MVA      /I/      AN(I)
2678.27  6723.0  -114.16
3673.98  9222.5  -118.58
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/20.123/57.029, 1.54155  Z-:/19.912/60.264, 1.75062  Z0:/4.490/87.409, 22.09846

```

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

```

X----- BUS -----X
6006 [CHO115      115.00] 3PH
                        LG
MVA      /I/      AN(I)
1847.21  9273.8  -124.50
2003.00  10056.0 -132.75
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/7.270/66.264, 2.27420  Z-:/7.102/69.998, 2.74725  Z0:/6.055/89.880, 477.32657

```

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

```

X----- BUS -----X
6008 [LSA230      230.00] 3PH
                        LG
MVA      /I/      AN(I)
3407.68  8554.0  -108.82
3164.45  7943.5  -113.36
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/15.781/66.028, 2.24896  Z-:/15.806/67.738, 2.44292  Z0:/19.568/76.519, 4.17141

```

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

```

X----- BUS -----X
6009 [LSA115      115.00] 3PH
                        LG
MVA      /I/      AN(I)
1921.61  9647.3  -117.39
903.13   4534.1  -127.22
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/6.995/74.574, 3.62408  Z-:/7.022/75.452, 3.85343  Z0:/30.904/88.647, 42.32744

```

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

```

X----- BUS -----X
6011 [MDN230      230.00] 3PH
                        LG
MVA      /I/      AN(I)
4492.44  11277.0  -98.29
3977.95  9985.5  -97.53
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/11.805/81.204, 6.46261  Z-:/11.820/81.474, 6.67080  Z0:/16.377/79.156, 5.22042

```

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

```

X----- BUS -----X
6012 [MDN115      115.00] 3PH
                        LG
MVA      /I/      AN(I)
2297.58  11534.9  -99.25
1946.64  9773.0  -100.05
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/5.810/84.601, 10.58021  Z-:/5.813/84.684, 10.74746  Z0:/8.951/86.386, 15.83078

```



```

-----
<-SCMVA-> <-Sym I''k rms-->
          /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6014 [PRO230      230.00] 3PH   3580.67   8988.3   -96.93
                                LG    3344.13   8394.5   -96.75
THEVENIN IMPEDANCE, X/R (OHM) Z+:/14.901/82.682, 7.78705 Z-:/14.911/82.813, 7.93071 Z0:/18.054/82.084, 7.19202
-----

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
          /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6015 [PRO115      115.00] 3PH   1234.47   6197.6  -101.05
                                LG    1275.29   6402.5  -101.45
THEVENIN IMPEDANCE, X/R (OHM) Z+:/10.779/87.125, 19.91012 Z-:/10.782/87.169, 20.21964 Z0:/9.742/88.368, 35.09422
-----

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
          /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6018 [CAC115      115.00] 3PH   2494.31  12522.5 -116.36
                                LG    2967.63  14898.8 -123.24
THEVENIN IMPEDANCE, X/R (OHM) Z+:/5.374/52.670, 1.31124 Z-:/5.353/55.510, 1.45555 Z0:/3.051/79.084, 5.18530
-----

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
          /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6087 [CAL115      115.00] 3PH   1639.60   8231.5  -95.71
                                LG    1193.20   5990.4  -94.79
THEVENIN IMPEDANCE, X/R (OHM) Z+:/8.209/84.910, 11.22658 Z-:/8.211/84.945, 11.30504 Z0:/17.426/83.117, 8.28387
-----

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
          /I/   AN(I)
X----- BUS -----X      MVA      AMP      DEG
  6173 [STR115      115.00] 3PH   1196.11   6005.0  -130.18
                                LG    1431.22   7185.3  -134.44
THEVENIN IMPEDANCE, X/R (OHM) Z+:/10.911/61.669, 1.85483 Z-:/10.818/64.319, 2.07957 Z0:/5.770/77.055, 4.35042
-----

```

```

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

```

6179 [GUA230 230.00] 3PH 4299.31 10792.2 -99.61
 LG 4094.50 10278.1 -100.19
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/12.325/81.749, 6.89610 Z-:/12.342/82.039, 7.15068 Z0:/14.159/83.102, 8.26594

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6182 [VEL230 230.00] 3PH 3856.15 9679.8 -104.66
 LG 2993.84 7515.2 -105.43
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/13.782/74.279, 3.55259 Z-:/13.824/75.183, 3.78022 Z0:/25.650/75.386, 3.83527

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6240 [EHIG230 230.00] 3PH 2275.50 5712.0 -115.56
 LG 1729.20 4340.7 -120.14
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/23.503/64.079, 2.05752 Z-:/23.483/66.091, 2.25569 Z0:/45.992/72.324, 3.13802

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6260 [CHA230 230.00] 3PH 2403.91 6034.3 -94.23
 LG 1803.53 4527.3 -92.18
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/22.423/82.272, 7.36858 Z-:/22.428/82.326, 7.42108 Z0:/44.871/78.143, 4.76300

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6261 [CHA115 115.00] 3PH 1094.49 5494.8 -97.79
 LG 681.94 3423.6 -97.73
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/12.299/86.279, 15.37748 Z-:/12.300/86.300, 15.46217 Z0:/34.618/86.160, 14.89752

<-SCMVA-> <-Sym I''k rms-->
 /I/ AN(I)
 X----- BUS -----X MVA AMP DEG
 6340 [CAN230 230.00] 3PH 2150.44 5398.1 -97.11
 LG 1829.36 4592.1 -96.47
 THEVENIN IMPEDANCE, X/R (OHM) Z+:/24.723/81.142, 6.41638 Z-:/24.735/81.246, 6.49375 Z0:/37.738/79.600, 5.44879

```

<-SCMVA-> <-Sym I''k rms-->
          /I/   AN(I)
X----- BUS -----X          MVA      AMP      DEG
 6380 [BOQIII230  230.00] 3PH  3222.68  8089.6  -97.72
          LG      2921.57  7333.8  -97.29
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/16.511/82.543, 7.64022  Z-:/16.523/82.688, 7.79294  Z0:/21.608/81.349, 6.57293

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
          /I/   AN(I)
X----- BUS -----X          MVA      AMP      DEG
 6400 [FRONTCHA  230.00] 3PH  2080.79  5223.2  -93.97
          LG      868.18  2179.3  -88.50
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/25.929/81.880, 7.00898  Z-:/25.933/81.921, 7.04468  Z0:/134.901/74.304, 3.55852

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
          /I/   AN(I)
X----- BUS -----X          MVA      AMP      DEG
 6401 [PM230-29  230.00] 3PH  2970.02  7455.4  -99.30
          LG      2489.60  6249.4  -97.76
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/17.858/82.107, 7.21299  Z-:/17.874/82.286, 7.38213  Z0:/28.213/78.520, 4.92373

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
          /I/   AN(I)
X----- BUS -----X          MVA      AMP      DEG
 6440 [DOM230    230.00] 3PH  2583.78  6485.9  -98.77
          LG      2035.64  5109.9  -94.75
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/20.641/83.054, 8.20854  Z-:/20.650/83.151, 8.32516  Z0:/37.523/74.556, 3.61968

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
          /I/   AN(I)
X----- BUS -----X          MVA      AMP      DEG
 6441 [PRIM230   230.00] 3PH  1909.25  4792.6  -97.57
          LG      1547.68  3885.0  -94.38
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/27.947/82.133, 7.23765  Z-:/27.955/82.202, 7.30188  Z0:/47.716/75.178, 3.77895

```

```

-----
<-SCMVA-> <-Sym I''k rms-->
          /I/   AN(I)
X----- BUS -----X          MVA      AMP      DEG
 6500 [FRONTDOM  230.00] 3PH  2620.95  6579.2  -98.16
          LG      1919.08  4817.3  -94.10

```



```

X----- BUS -----X
 6830 [ANT230      230.00] 3PH  2292.84  5755.5 -116.68
                               LG   1991.01  4997.9 -119.97
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/23.411/68.260, 2.50773  Z-:/23.444/69.989, 2.74576  Z0:/34.129/74.888, 3.70310

```

```

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

```

```

X----- BUS -----X
 6840 [PAN3 230      230.00] 3PH  2798.86  7025.7 -113.64
                               LG   3492.28  8766.4 -119.46
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/19.269/53.850, 1.36884  Z-:/19.152/56.823, 1.52948  Z0:/8.540/79.564, 5.42951

```

```

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

```

```

X----- BUS -----X
 6841 [PAN3 115      115.00] 3PH  1723.47  8652.6 -128.49
                               LG     0.00     0.0  0.00
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/7.823/68.700, 2.56491  Z-:/7.856/70.518, 2.82666  Z0:/0.13E+09/90.000, 9999.999

```

```

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

```

```

X----- BUS -----X
 6861 [CHE230      230.00] 3PH  2141.82  5376.4 -124.51
                               LG   2339.94  5873.8 -128.32
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/25.317/67.273, 2.38745  Z-:/25.392/68.936, 2.59644  Z0:/19.065/78.993, 5.14095

```

```

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

```

```

X----- BUS -----X
 6867 [PM-2        230.00] 3PH  2026.37  5086.6 -123.87
                               LG   2146.76  5388.8 -128.44
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/26.740/64.189, 2.06762  Z-:/26.793/66.184, 2.26554  Z0:/22.548/77.269, 4.42605

```

```

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

```

```

X----- BUS -----X
 6875 [PM-1        230.00] 3PH  2026.37  5086.6 -123.87
                               LG   2146.76  5388.8 -128.44
THEVENIN IMPEDANCE, X/R (OHM)  Z+:/26.740/64.189, 2.06762  Z-:/26.793/66.184, 2.26554  Z0:/22.548/77.269, 4.42605
-----

```