**! Lines**

New Line.L1 Phases=3 Bus1=800.1.2.3 Bus2=802.1.2.3 LineCode=300 Length=2.58 units=kft

**New Line.L2 Phases=3 Bus1=802.1.2.3 Bus2=806.1.2.3 LineCode=300 Length=1.73 units=kft**

New Line.L3 Phases=3 Bus1=806.1.2.3 Bus2=808.1.2.3 LineCode=300 Length=32.23 units=kft

**New Line.L4 Phases=1 Bus1=808.2 Bus2=810.2 LineCode=303 Length=5.804 units=kft**

New Line.L5 Phases=3 Bus1=808.1.2.3 Bus2=812.1.2.3 LineCode=300 Length=37.5 units=kft

**New Line.L6 Phases=3 Bus1=812.1.2.3 Bus2=814.1.2.3 LineCode=300 Length=29.73 units=kft**

New Line.L7 Phases=3 Bus1=814r.1.2.3 Bus2=850.1.2.3 LineCode=301 Length=0.01 units=kft

**New Line.L8 Phases=1 Bus1=816.1 Bus2=818.1 LineCode=302 Length=1.71 units=kft**

New Line.L9 Phases=3 Bus1=816.1.2.3 Bus2=824.1.2.3 LineCode=301 Length=10.21 units=kft

**New Line.L10 Phases=1 Bus1=818.1 Bus2=820.1 LineCode=302 Length=48.15 units=kft**

New Line.L11 Phases=1 Bus1=820.1 Bus2=822.1 LineCode=302 Length=13.74 units=kft

**New Line.L12 Phases=1 Bus1=824.2 Bus2=826.2 LineCode=303 Length=3.03 units=kft**

New Line.L13 Phases=3 Bus1=824.1.2.3 Bus2=828.1.2.3 LineCode=301 Length=0.84 units=kft

**New Line.L14 Phases=3 Bus1=828.1.2.3 Bus2=830.1.2.3 LineCode=301 Length=20.44 units=kft**

New Line.L15 Phases=3 Bus1=830.1.2.3 Bus2=854.1.2.3 LineCode=301 Length=0.52 units=kft

**New Line.L16 Phases=3 Bus1=832.1.2.3 Bus2=858.1.2.3 LineCode=301 Length=4.9 units=kft**

New Line.L17 Phases=3 Bus1=834.1.2.3 Bus2=860.1.2.3 LineCode=301 Length=2.02 units=kft

**New Line.L18 Phases=3 Bus1=834.1.2.3 Bus2=842.1.2.3 LineCode=301 Length=0.28 units=kft**

New Line.L19 Phases=3 Bus1=836.1.2.3 Bus2=840.1.2.3 LineCode=301 Length=0.86 units=kft

**New Line.L20 Phases=3 Bus1=836.1.2.3 Bus2=862.1.2.3 LineCode=301 Length=0.28 units=kft**

New Line.L21 Phases=3 Bus1=842.1.2.3 Bus2=844.1.2.3 LineCode=301 Length=1.35 units=kft

**New Line.L22 Phases=3 Bus1=844.1.2.3 Bus2=846.1.2.3 LineCode=301 Length=3.64 units=kft**

New Line.L23 Phases=3 Bus1=846.1.2.3 Bus2=848.1.2.3 LineCode=301 Length=0.53 units=kft

**New Line.L24 Phases=3 Bus1=850.1.2.3 Bus2=816.1.2.3 LineCode=301 Length=0.31 units=kft**

New Line.L25 Phases=3 Bus1=852r.1.2.3 Bus2=832.1.2.3 LineCode=301 Length=0.01 units=kft

**New Line.L26 Phases=1 Bus1=854.2 Bus2=856.2 LineCode=303 Length=23.33 units=kft**

New Line.L27 Phases=3 Bus1=854.1.2.3 Bus2=852.1.2.3 LineCode=301 Length=36.83 units=kft

! 9-17-10 858-864 changed to phase A per error report

**New Line.L28 Phases=1 Bus1=858.1 Bus2=864.1 LineCode=303 Length=1.62 units=kft**

New Line.L29 Phases=3 Bus1=858.1.2.3 Bus2=834.1.2.3 LineCode=301 Length=5.83 units=kft

**New Line.L30 Phases=3 Bus1=860.1.2.3 Bus2=836.1.2.3 LineCode=301 Length=2.68 units=kft**

New Line.L31 Phases=1 Bus1=862.2 Bus2=838.2 LineCode=304 Length=4.86 units=kft

**New Line.L32 Phases=3 Bus1=888.1.2.3 Bus2=890.1.2.3 LineCode=300 Length=10.56 units=kft**