

clear

Set DefaultBaseFrequency = 60

set datapath = C:\...\QU02\

New Circuit.SED022 basekV=10.5 pu=1.0 angle=0 frequency=60 phases=3

!! LoadShapes

new Loadshape.Shape_01 npts=24 interval=1.0 csvfile=demand_daily_01.txt

...

new Loadshape.Shape_14 npts=24 interval=1.0 csvfile=demand_daily_14.txt

New Loadshape.ev_shape_1 npts=24 interval=1 mult=(file=profile_ev1_3kw.txt) useactual=false

New Loadshape.ev_shape_2 npts=24 interval=1 mult=(file=profile_ev2_3kw.txt) useactual=false

New Loadshape.ev_shape_3 npts=24 interval=1 mult=(file=profile_ev3_3kw.txt) useactual=false

!! Transformer

New Transformer.SED022 phases=3 windings=2 buses=(sourcebus, 1) conns=(delta, wye) kvs=(10.5, 0.22) kvas=(100, 100) %loadloss=0 xhl=5