

**!! LineCode**

**New LineCode.AUT\_AL-3x120 nphases=3 R1=0.253 X1=0.098 R0=0.253 X0=0.098 Units=km**

**!! Lines**

**new Line.TBT001 Bus1=1 Bus2=2 length=0.09688 phases=3 units=km linecode=AUT\_AL-3x120**

**new Line.TBT002 Bus1=2 Bus2=3 length=0.09688 phases=3 units=km linecode=AUT\_AL-3x120**

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**new Line.TBT013 Bus1=13 Bus2=14 length=0.02158 phases=3 units=km linecode=AUT\_AL-3x120**

**!! Loads**

**new Load.LOAD1 bus1=1 phases=3 kV=0.22 kW=1 PF=1 model=1 Daily=Shape\_01 status=variable**

**new Load.LOAD2 bus1=2 phases=3 kV=0.22 kW=1 PF=1 model=1 Daily=Shape\_02 status=variable**

**---**

**new Load.LOAD13 bus1=13 phases=3 kV=0.22 kW=1 PF=1 model=1 Daily=Shape\_13 status=variable**

**new Load.LOAD14 bus1=14 phases=3 kV=0.22 kW=1 PF=1 model=1 Daily=Shape\_14 status=variable**

**!! Monitors for each node**

**Redirect Monitors\_3.txt**

**set controlmode=static**

**set mode=daily**

**Solve**

**!! Show Results**