strLoadShapePV = 'New Loadshape.LoadShapePV npts =10 interval = 1 mult = [0.2 0.3 0.5 0.8 0.9 1 1 0.99 0.9 0.7]'

MPDOPF Verified for T=10, PV=10%, Batt=15%

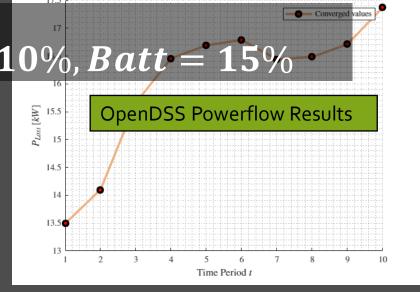
MPDOPF Simulation Results

```
Machine ID: ETRL204-ARYAN

Horizon Duration: 10

"Nature of Simulation: " "Spatially-Distributed-OPF with 4 Areas."

GED Configuruation: pv_10_batt_15
```



PLoss across the horizon for the system using Spatially-Distributed-OPF with 10% PVs and 15% Batter

strLoadShapePV = 'New Loadshape.LoadShapePV npts =10 interval = 1 mult = [0.2 0.3 0.5 0.8 0.9 1 1 0.99 0.9 0.7]

MPCOPF Verified for T=10, PV=10%, Batt=15%

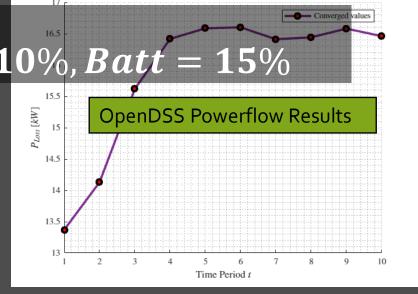
MPCOPF Simulation Results

```
Machine ID: ETRL204-ARYAN

Horizon Duration: 10

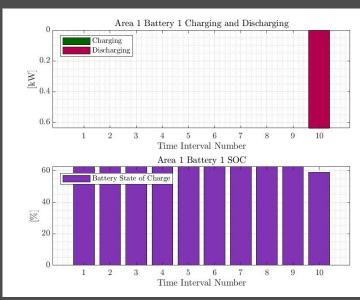
"Nature of Simulation: " "Centralized-OPF"

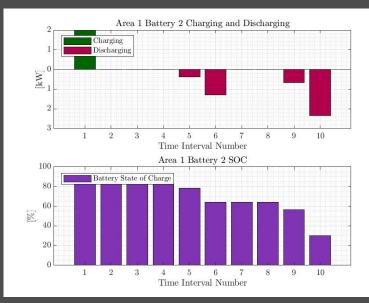
GED Configuruation: pv_10_batt_15
```

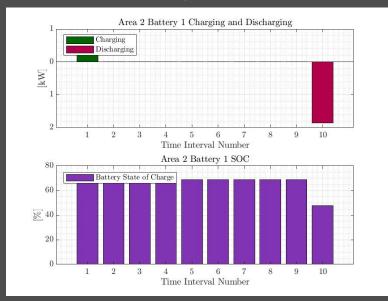


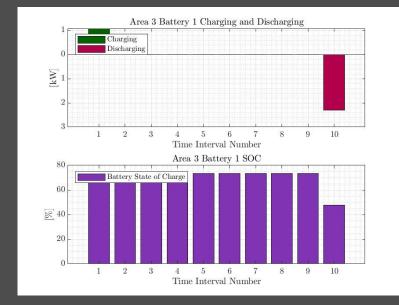
 P_{Loss} across the horizon for the system using Centralized-OPF with 10% PVs and 15% Batteries

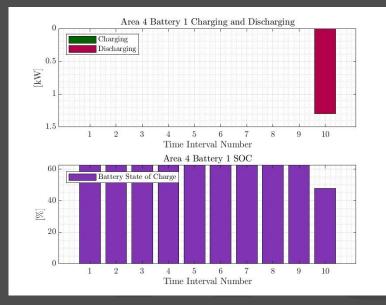
MPDOPF Verified for T=10, PV=10%, Batt=15%



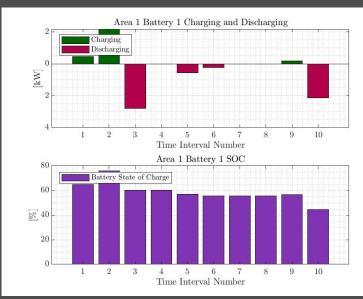


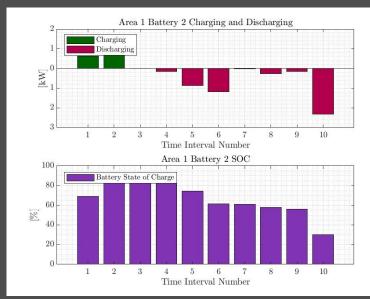






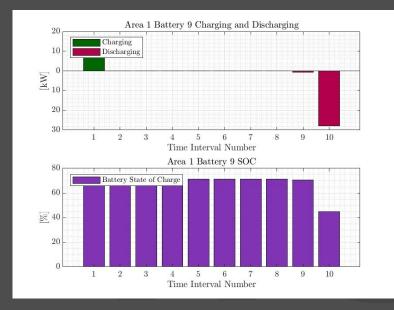
MPCOPF Verified for T=10, PV=10%, Batt=15%





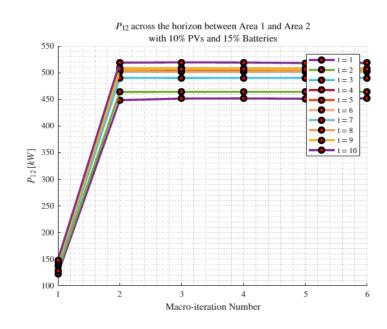


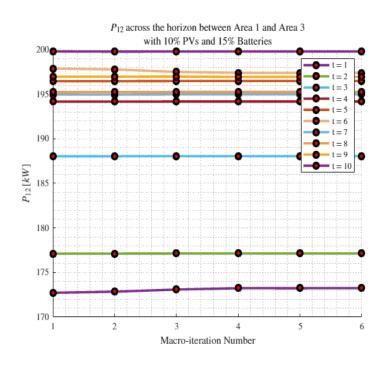


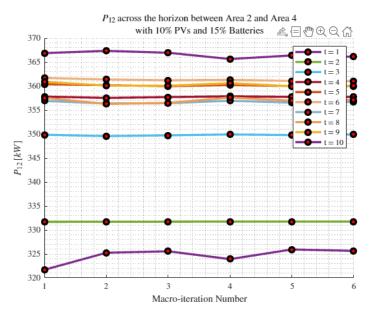


MPDOPF Verified for T=10, PV=10%, Batt=15%

Boundary Complex Powers







MPDOPF Verified for T=10, PV=10%, Batt=15%

Boundary Voltages

