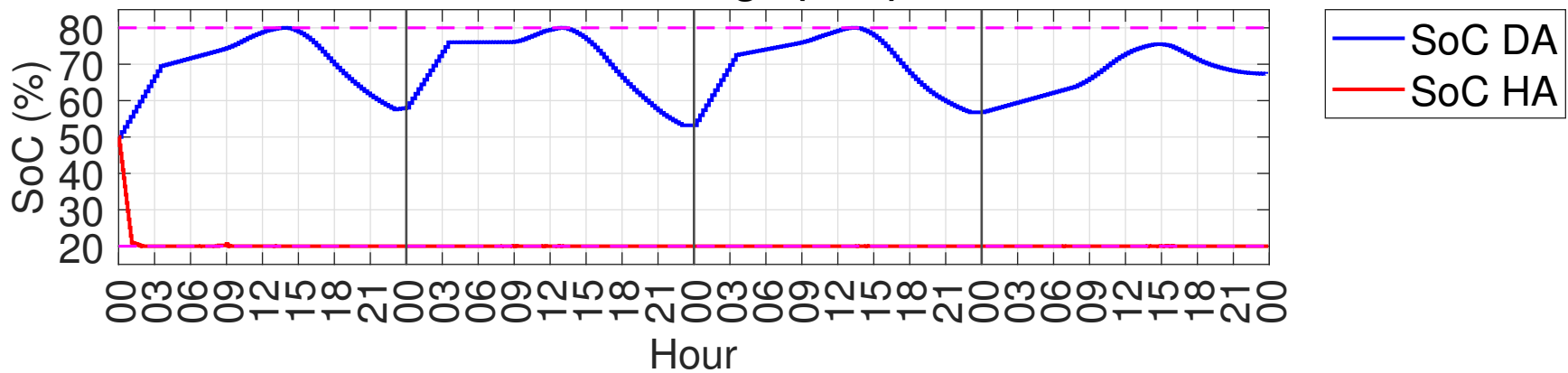
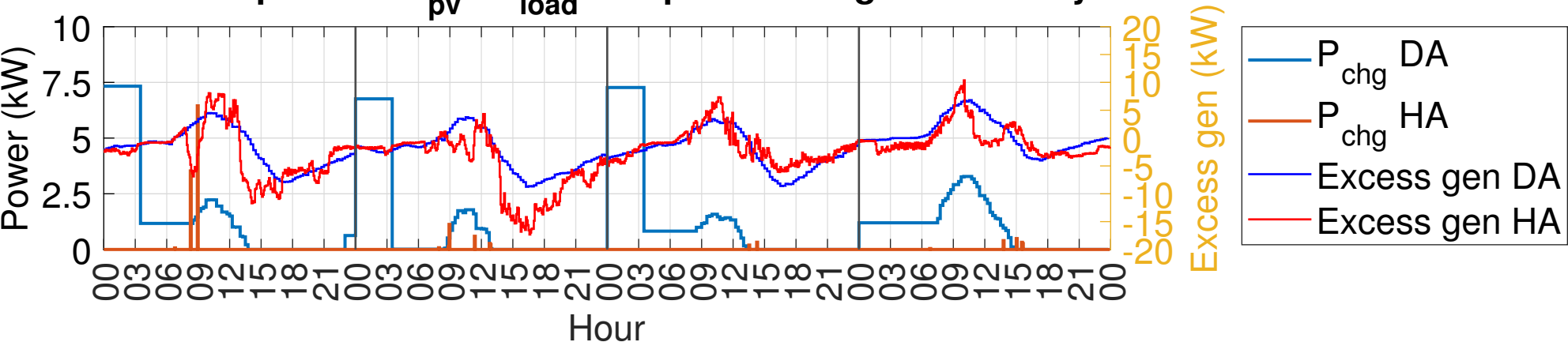


State of charge (SoC)



Excess power = $P_{pv} - P_{load}$ and power charged to battery



Excess power = $P_{pv} - P_{load}$ and power discharged from battery

