h 20C -CompareHist_20220926.py 2022-10-28T10-56-47 Tb, SOC Ib\ .2 b.5 soc ekf soc ver 300new 1.0 0.0 soc ekf ver 300new soc ver 300old 10.8 1.0 0.00 soc ekf ver 300old 0.05 0.10 0.05 0.00 0.10 0105 falw tweak sclr amp tweak sclr noa 000 **b**.5 soc_ekf -5 -0105 0.00 0.05 0.00 0.05 0.0 Vb dv hys e wrap dy hys rescaled wrap_vb_fa 13.15 Voc dyn wrap lo fa-1 dy hys required Voc_stat_chg wrap hi fa+1 Voc_stat_dis e wrap 13.10 dv hys remodel

0.00

0.05

days

0.10

0.00

0.05

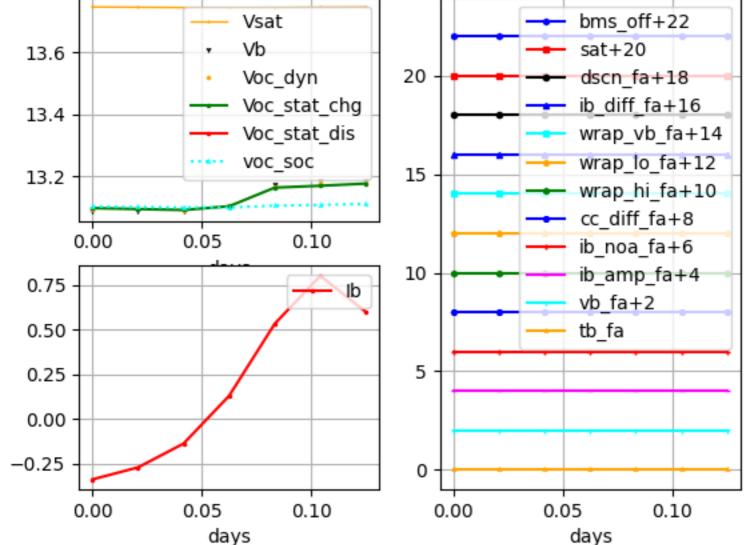
days

0.10

dv hys_redesign chg

dv hys redesign dis

h_20C 0926-CompareHist_20220926.py 2022-10-28T10-56-47

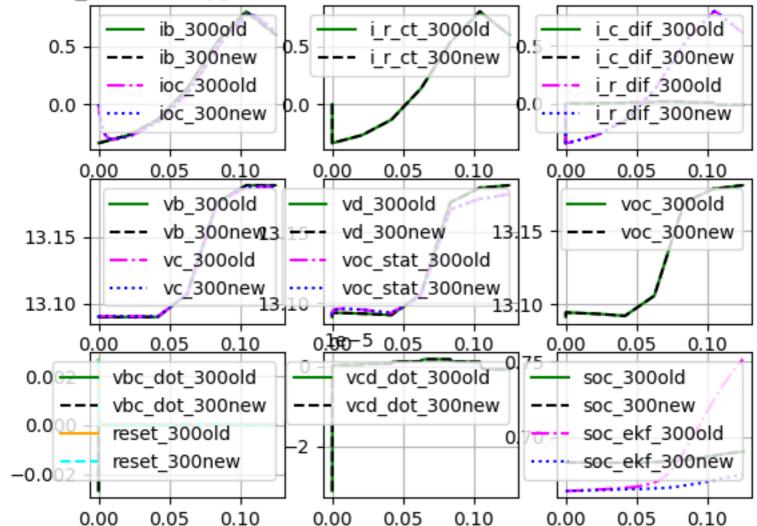


h 20C -CompareHist_20220926.py 2022-10-28T10-56-47 13.4 13.2 .2 13.0 13.0 **1**3.0 12.8 12.8 12.8 12.6 12.6 12.6 Voc_stat_r_dis 12.4 12.4 12.4 Voc stat r chg Voc_stat_rescaled_ voc_stat_redesign_r_dis 12.2 Voc stat rescaled Voc stat redesign r chg Schedule --- Schedule RESET Schedule RESET 12.0 12.0 0.0 0.5 0.0 0.5 0.5 1.0 1.0 1.0 0.0 SOC soc r soc r

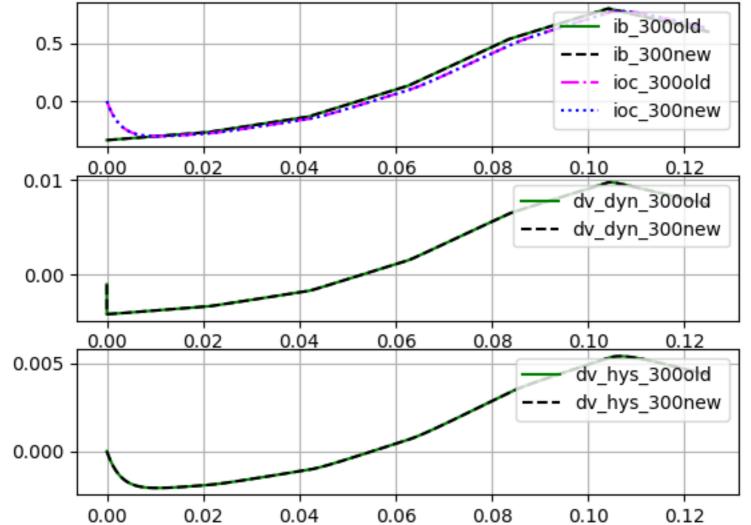
h 20C 0926-CompareHist 20220926.py 2022-10-28T10-56-47 0.0 0.00693 dv hys -0.20.00692 dv_hys_rescaled dv hys required 0.00691 -0.4-e_wrap dv_hys_redesign_chg.00690 res redesign chg dv_hys_redesign_dis res_redesign_dis -0.60.00689 0.05 0.05 0.10 0.00 0.10 2 6 0 -2 4 Ιb 2 -6 soc*10 -8 ioc redesign dv_dot_redesign 0 0.00 0.05 0.10 0.00 0.05 0.10 days days

h 20C 0926-CompareHist_20220926.py 2022-10-28T10-56-47 0.0 0.00693 dv hys -0.20.00692 dv_hys_rescaled dv hys required 0.00691 -0.4-e_wrap dv_hys_redesign_chg.00690 res redesign chg dv_hys_redesign_dis -0.6res redesign dis 0.00689 1e-685 0.700 0.690 0.695 0.685 0.690 0.695 0.700 2 6 0 -2 4 lb 2 -6 soc*10 -8 ioc redesign dv_dot_redesign 0 0.685 0.690 0.695 0.700 0.685 0.690 0.695 0.700 SOC SOC

pareHist_20220926.py 2022-10-28T10-56-47Battover 1



data20220926-CompareHist_20220926.py 2022-10-28T10-56-47Battover



eHist 20220926.py 2022-10-28T10-56-47 **EKFBattover 3 0.75 hx ekf_300old y ekf 300old 13.15 hx ekf_300new 0 05 y ekf 300new 0.70 x ekf 300old z ekf 300old y filt2 300old x ekf_300new13.10... z ekf 300new y filt2 300new 0100 150 0.00 0.10=0-5 0.05 0.160 - 8 + 0.0599999996 - 10.05 0.10 0.10 4 Fx ekf 300old 7.5 100 Fx ekf 300new H ekf_300old P ekf 300old 5.0 50 H ekf 300new P ekf 300new 0.160 - 60.050.00 0.05 0.10 0.00 0.05 0.10 Bu ekf 300ŏld e voc 300old 4 0.05 Bu ekf 300new e voc 300new 0.00005 e soc ekf 300old K ekf 300old 2 0|00 e soc ekf 300new K ekf 300new 0.00d00

0.05

0.10

0.00

0.05

0.10

0.00

0.05

0.10

0.00

