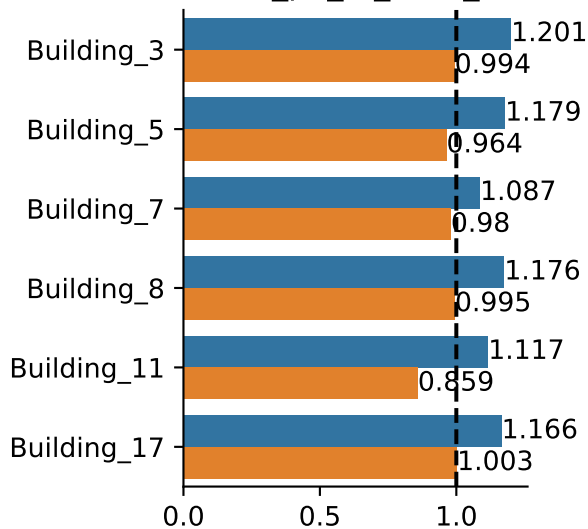
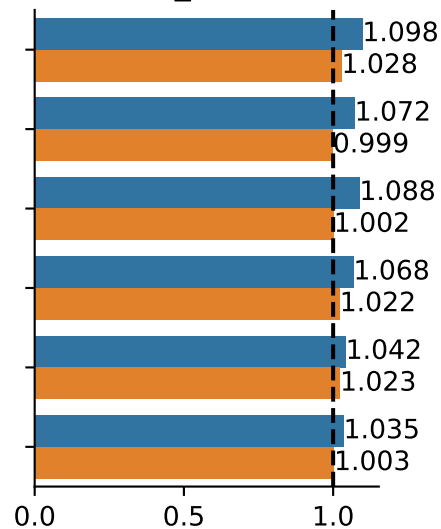


KPIs at building-level

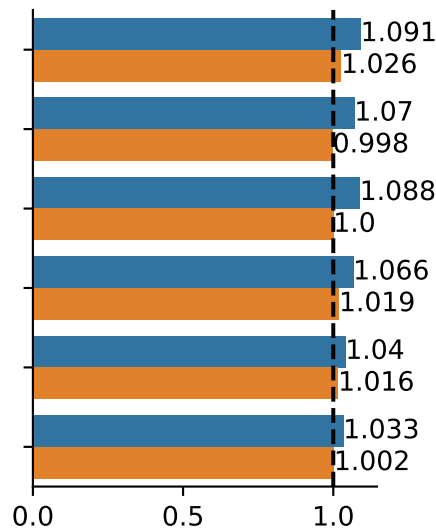
1 - used_pv_of_total_share



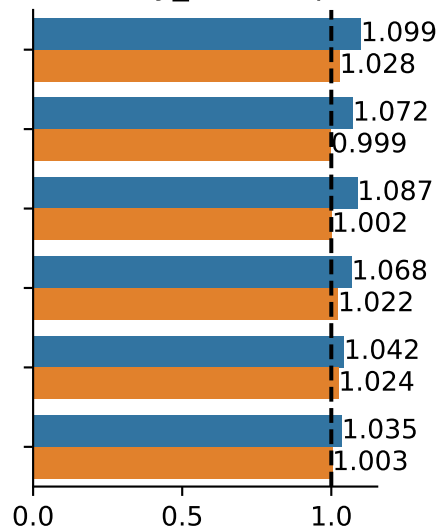
carbon_emissions



cost

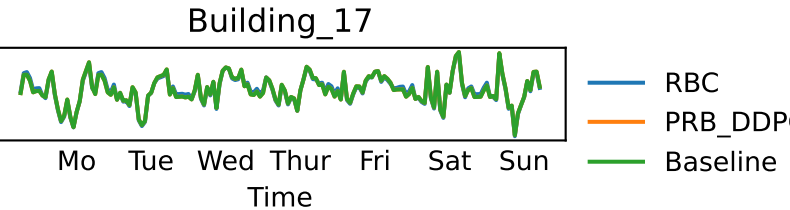
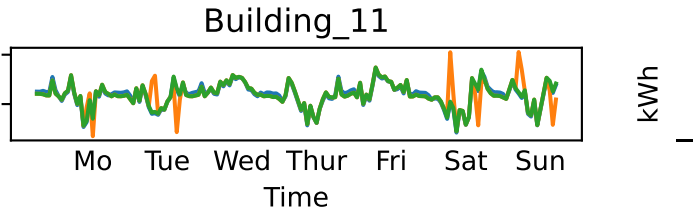
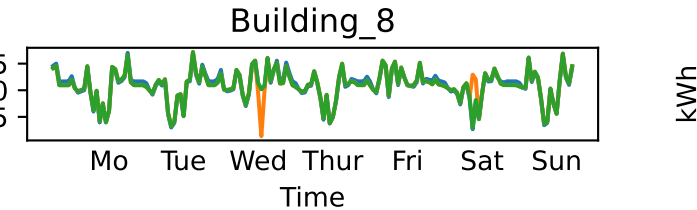
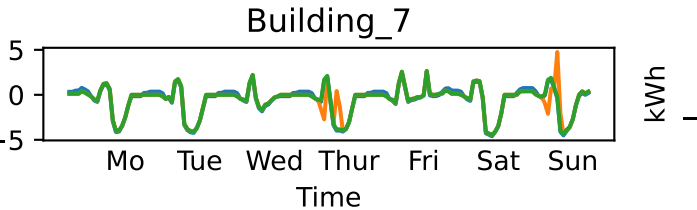
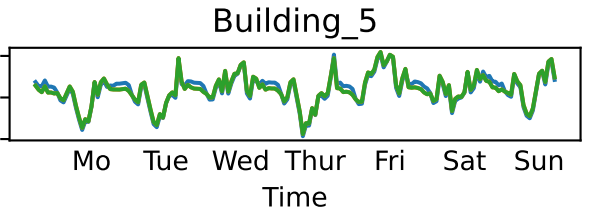
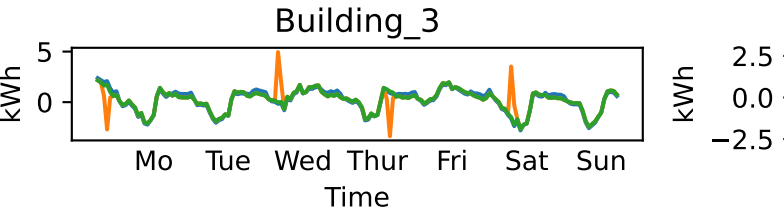


electricity_consumption



--- Baseline
■ RBC
■ PRB-DDPG

Building-level net electricity consumption profile

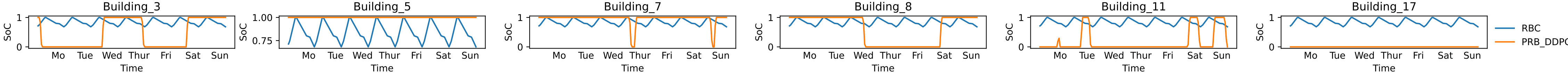


RBC

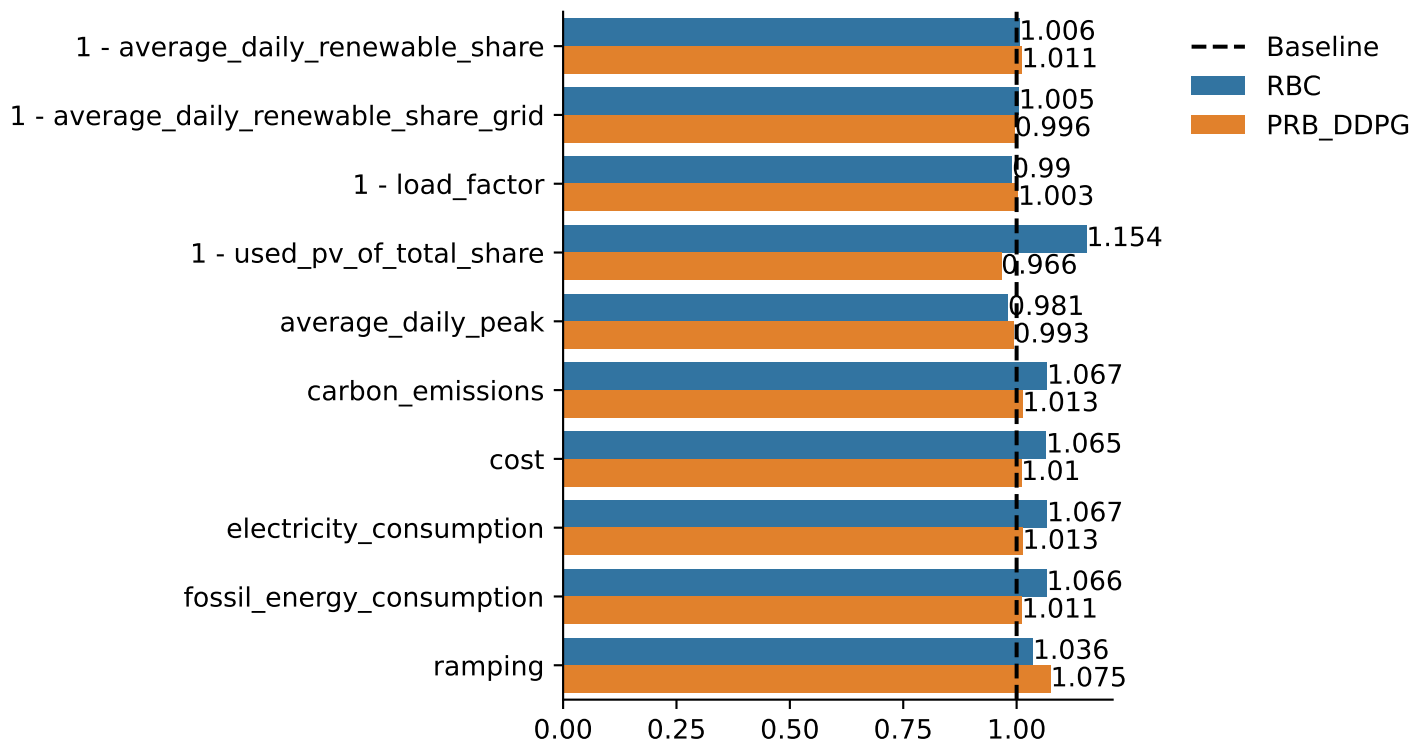
PRB_DDPG

Baseline

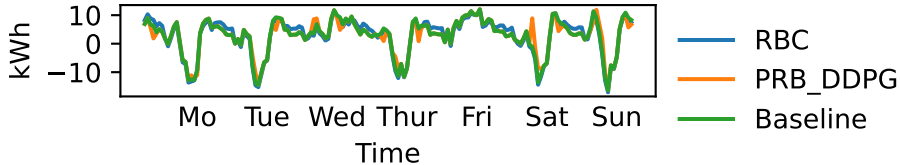
Building-level battery SoC profiles



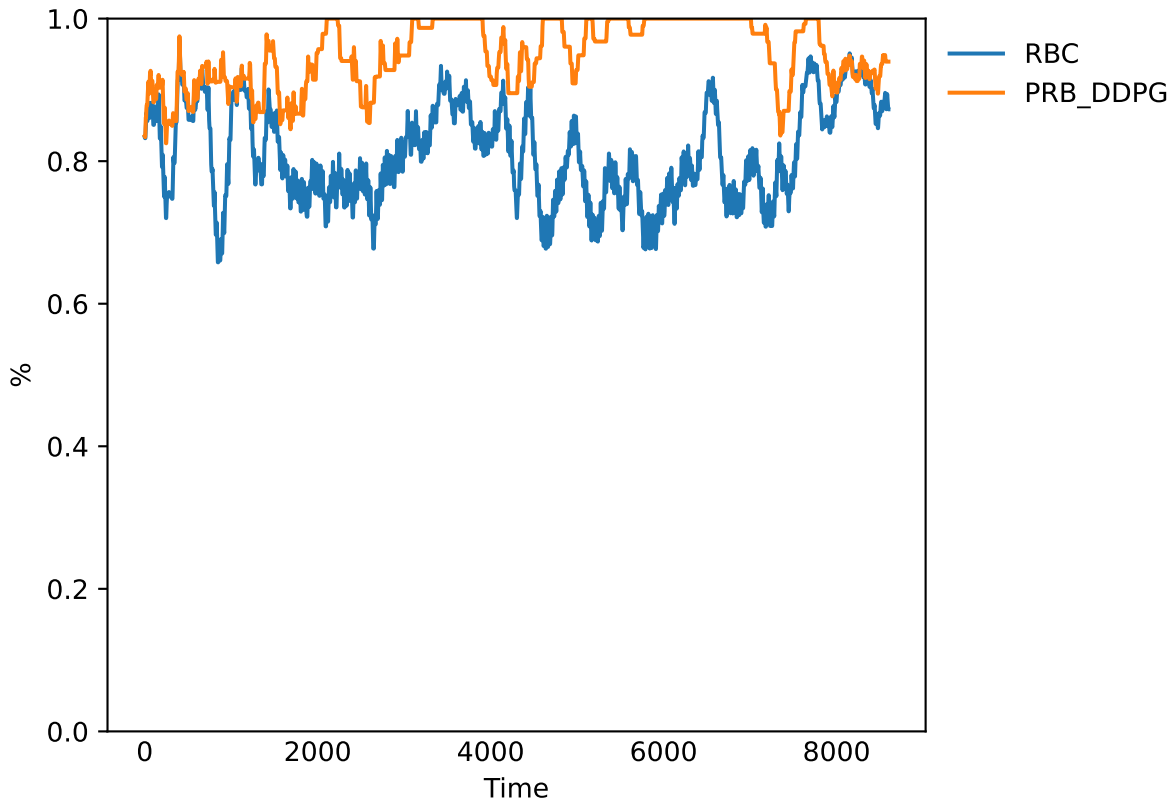
KPIs at district-level



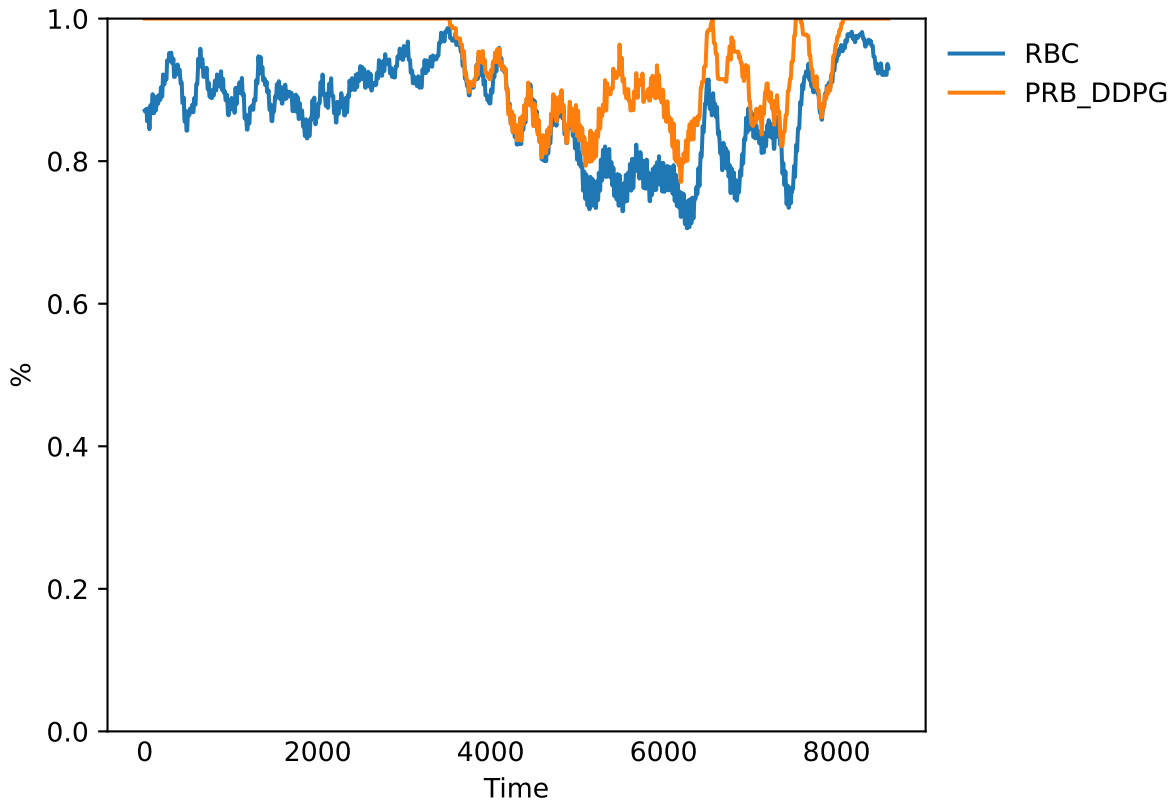
District-level net electricity consumption profile



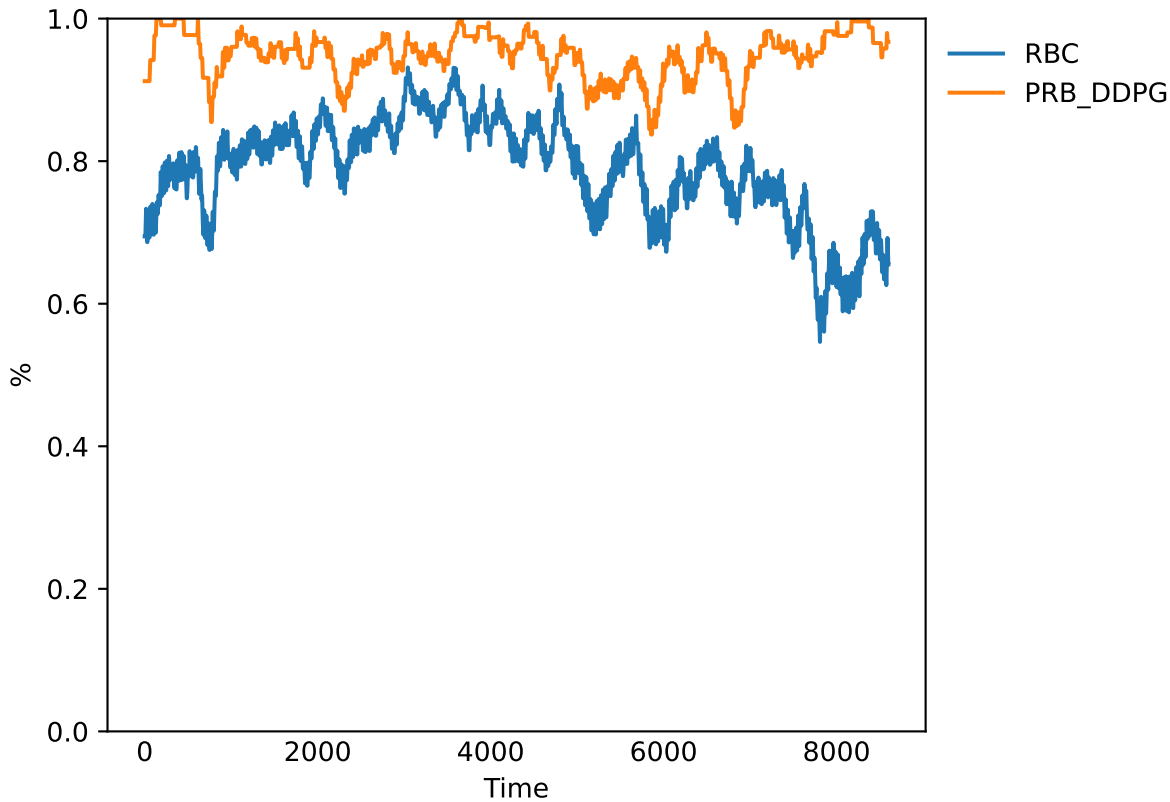
Used PV / available share (Building_3)



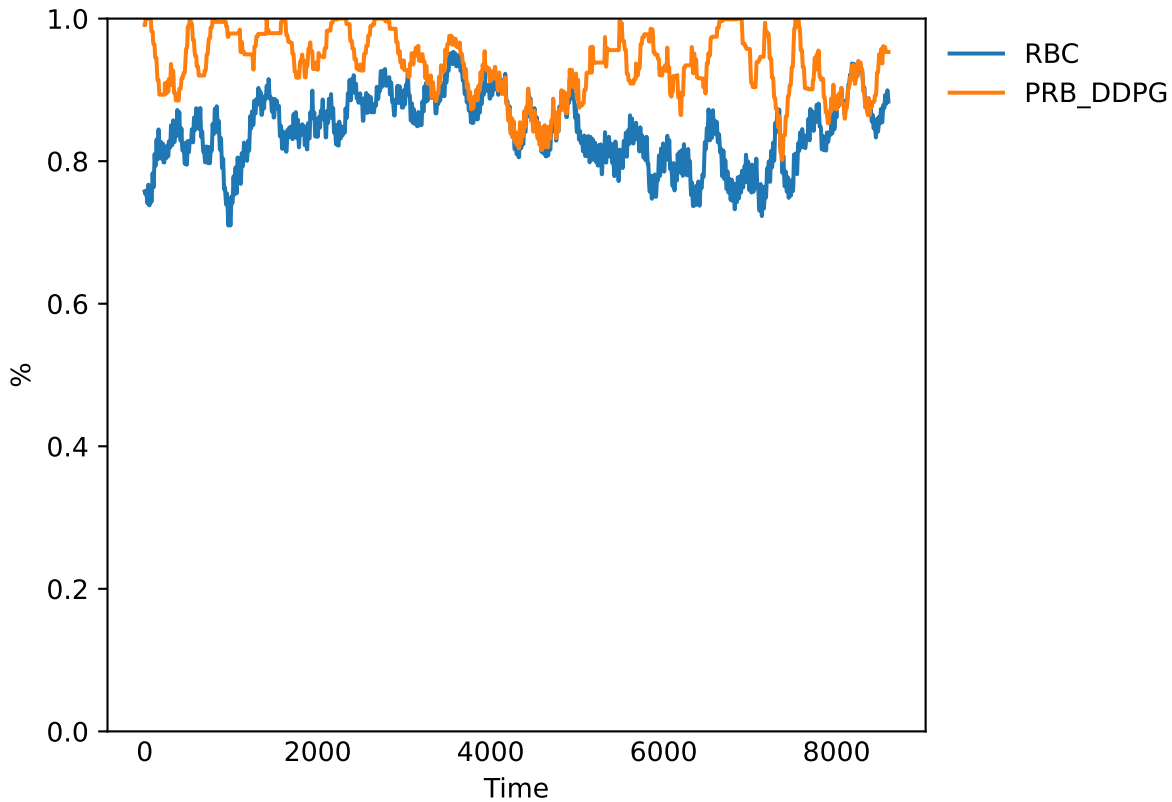
Used PV / available share (Building_5)



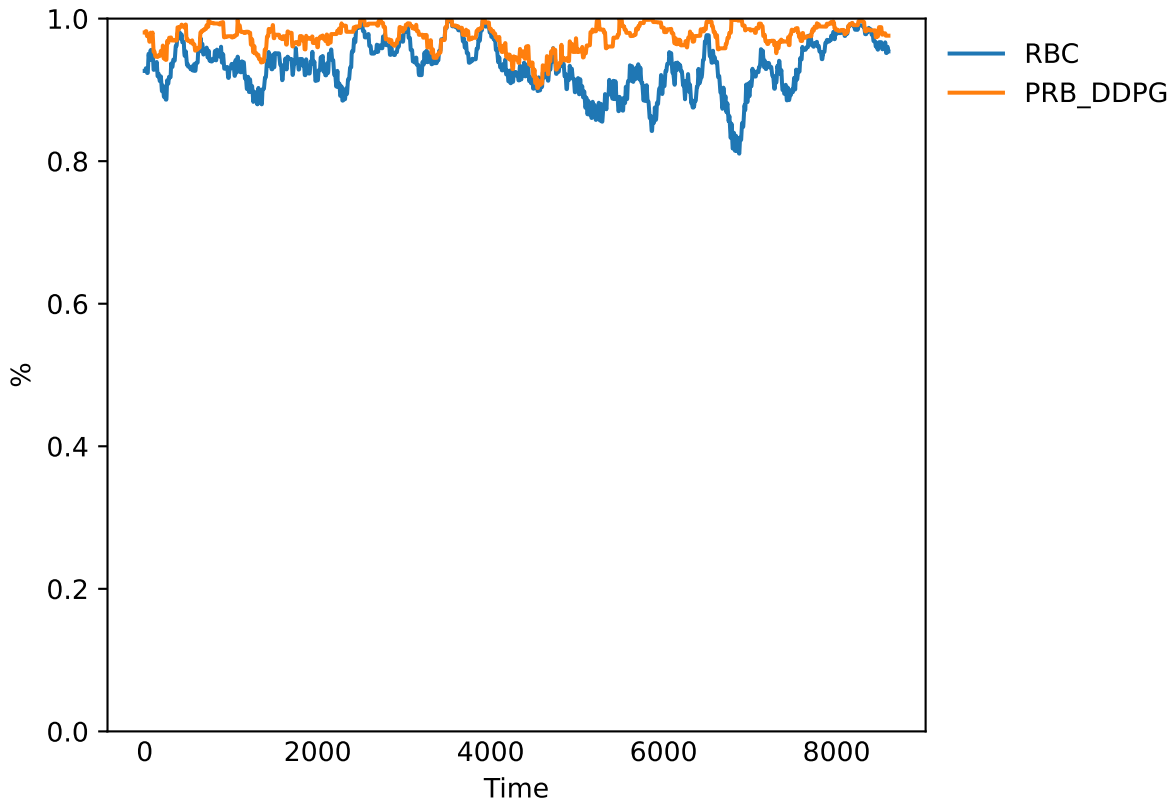
Used PV / available share (Building_7)



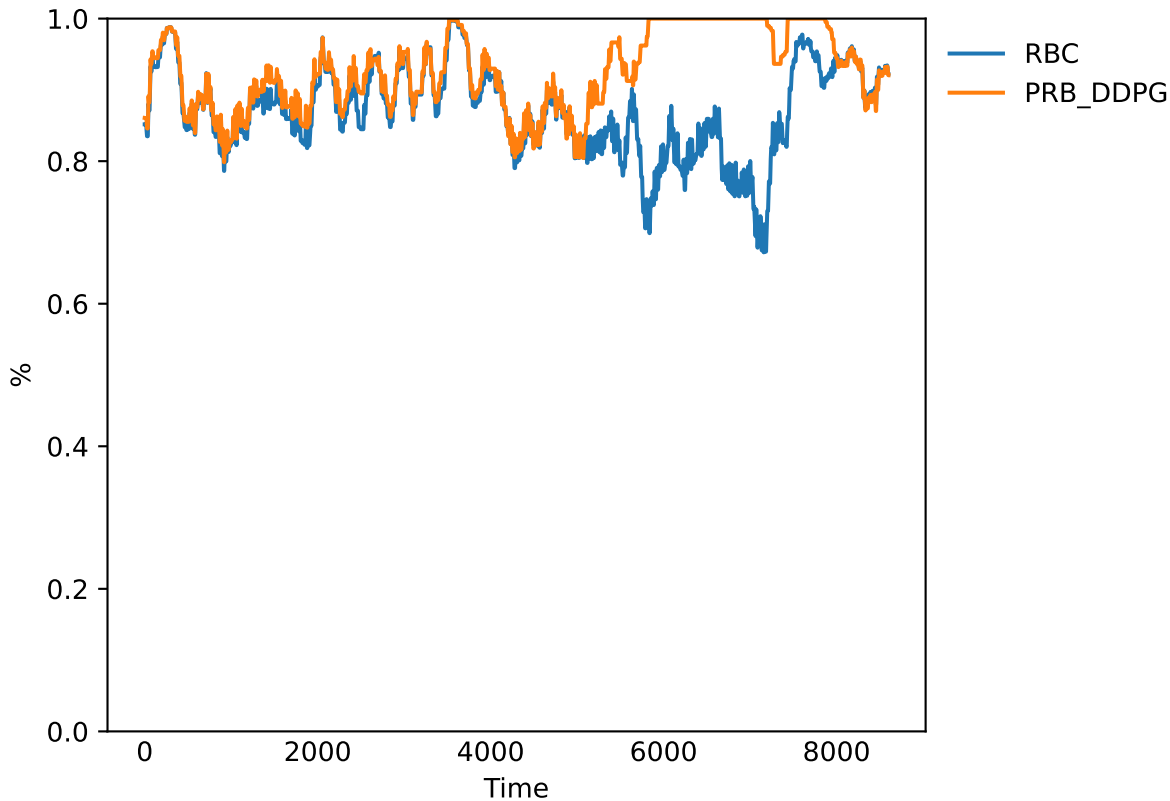
Used PV / available share (Building_8)



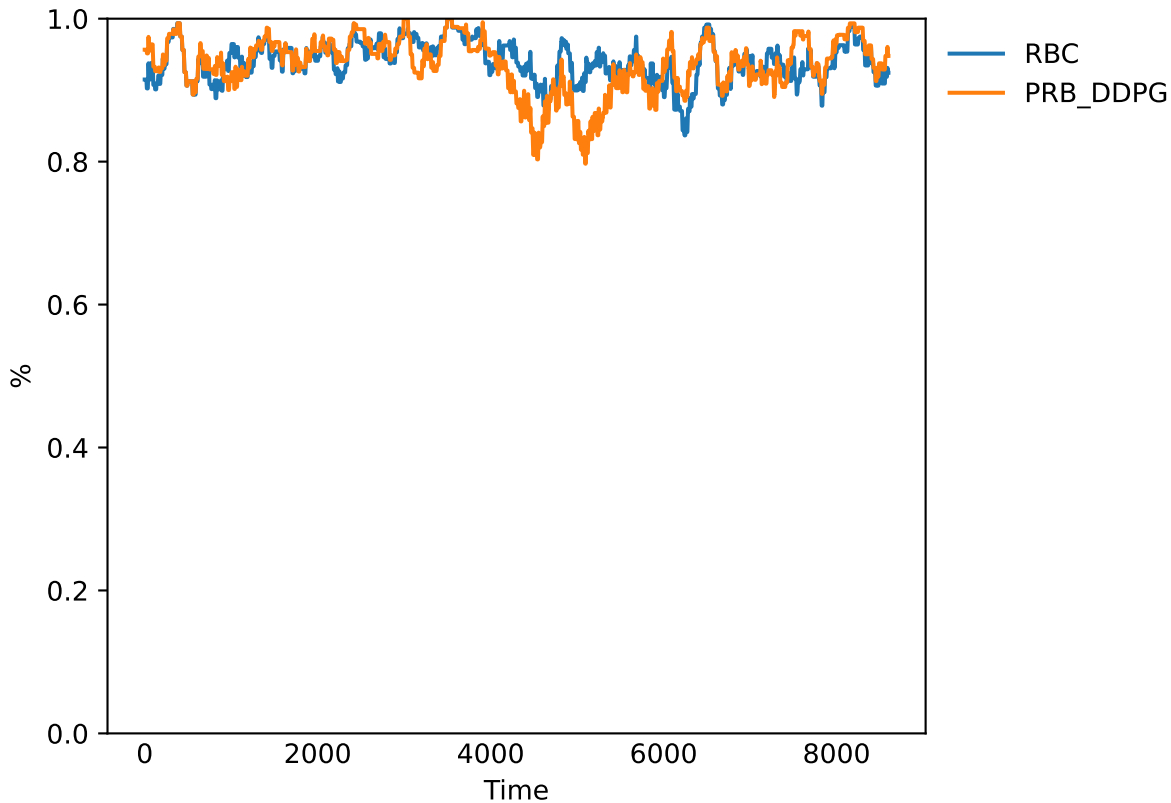
Used PV / available share (Building_11)



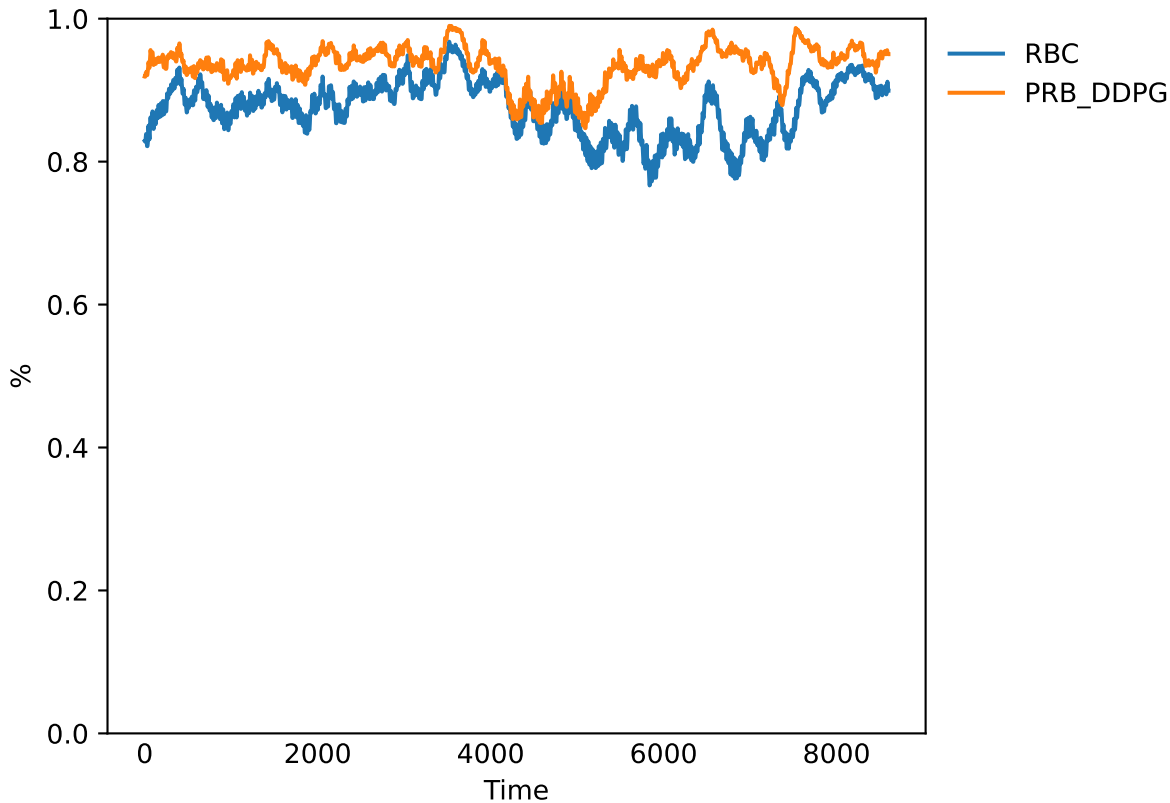
Used PV / available share (Building_17)



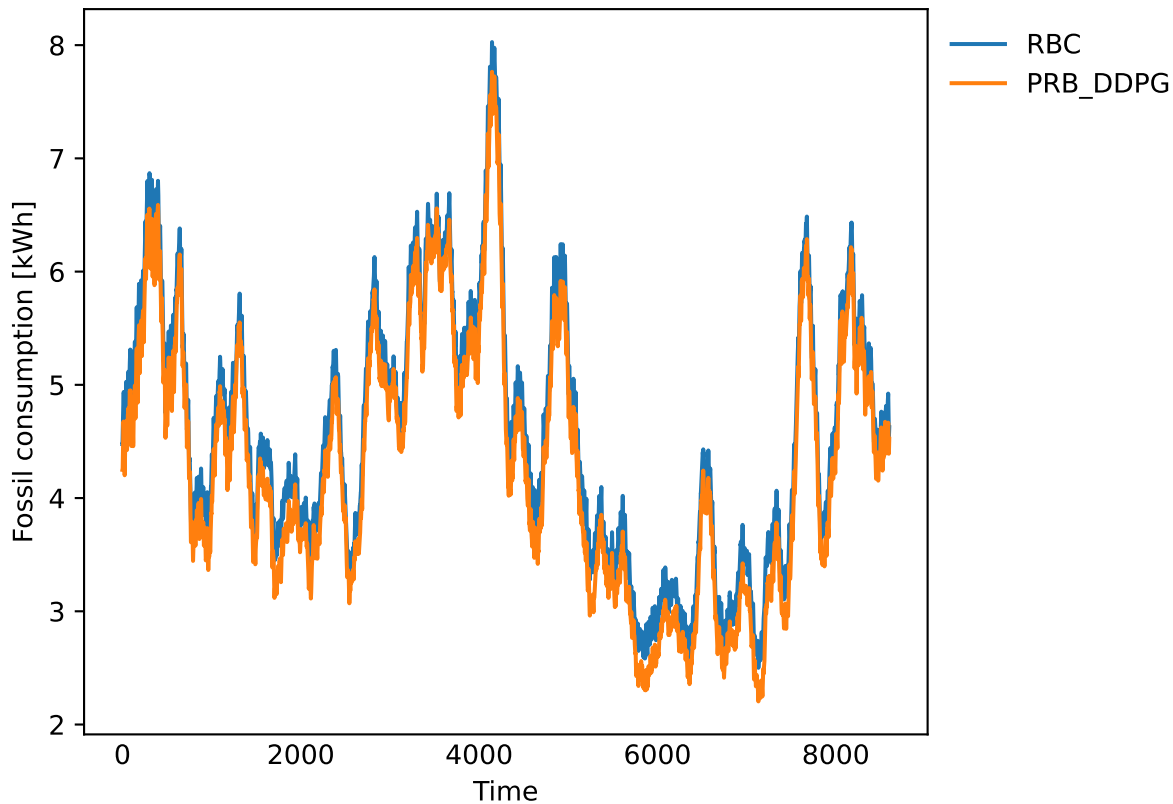
District-level used renewable energy grid / available



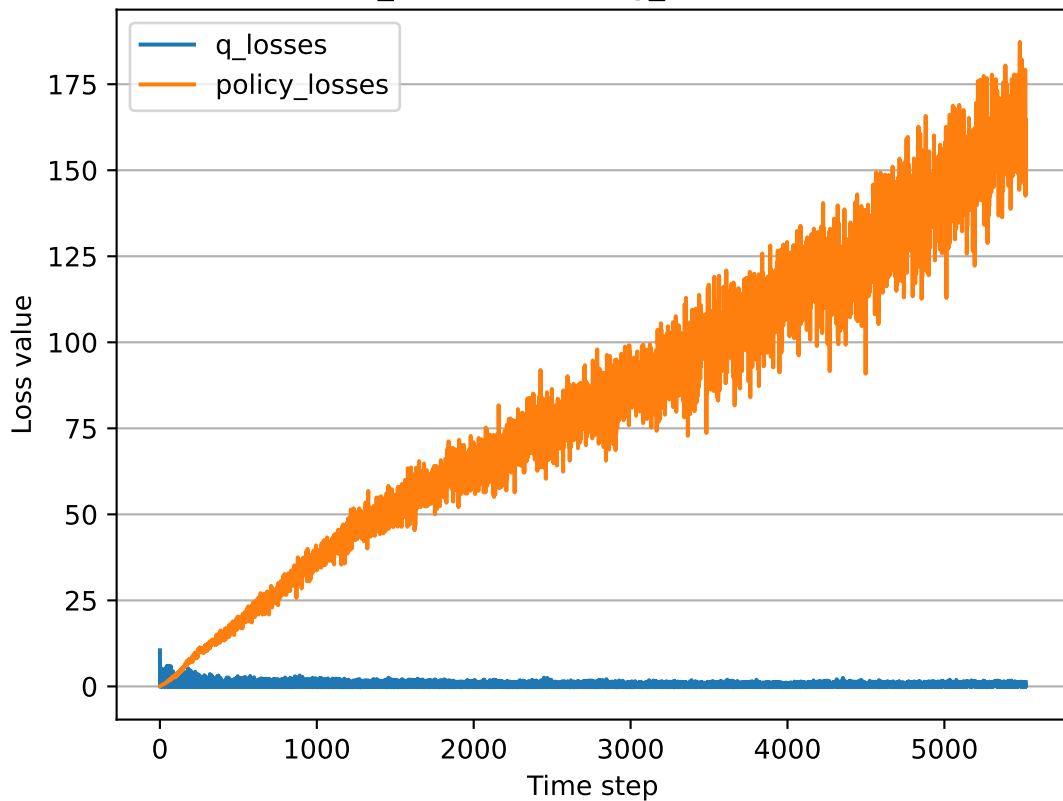
District-level used renewable energy / available



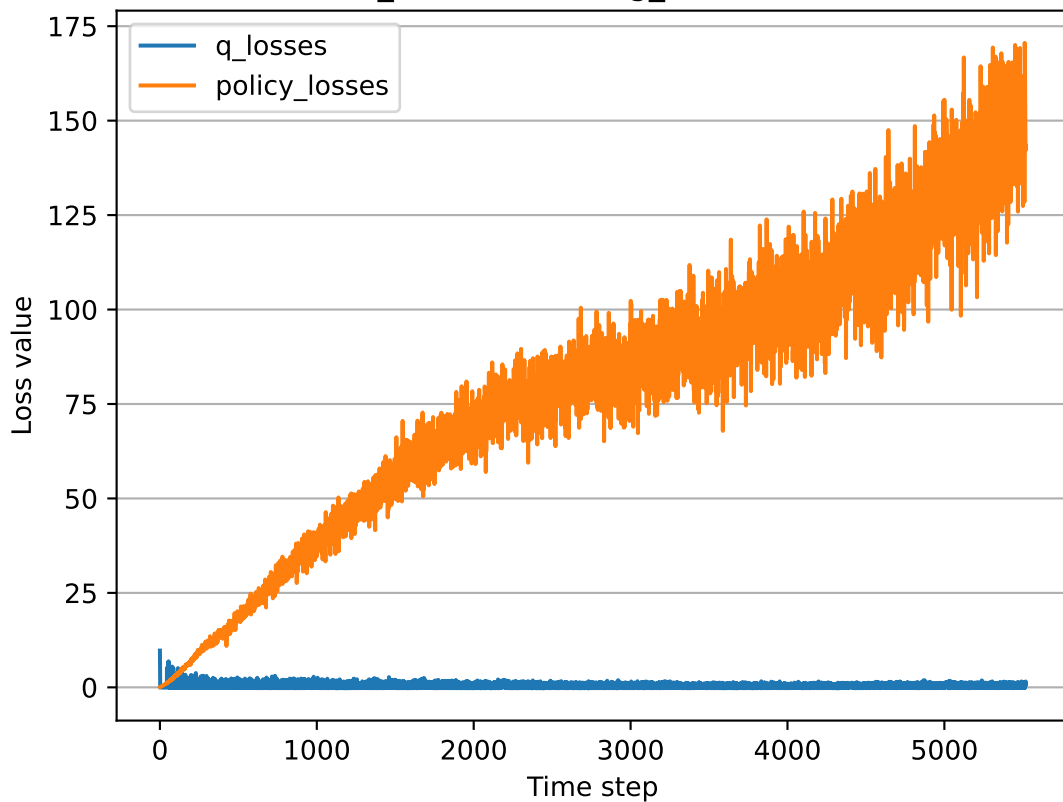
District-level fossil energy consumption



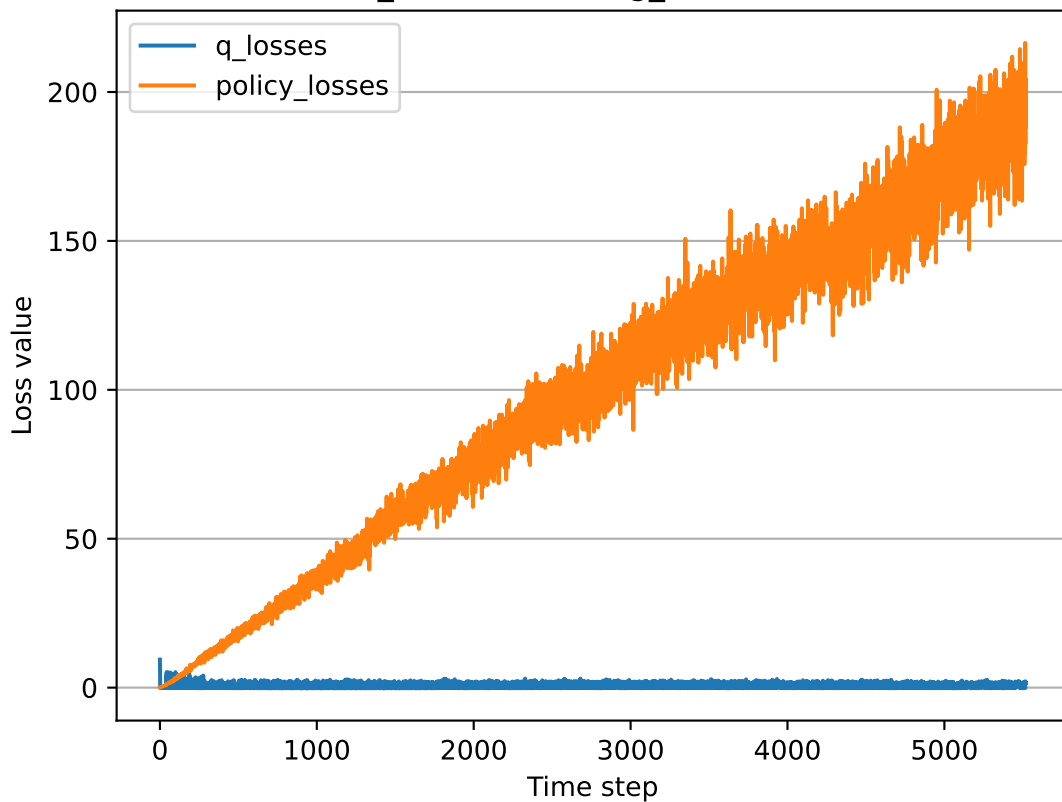
PRB_DDPG - Building_3 loss values



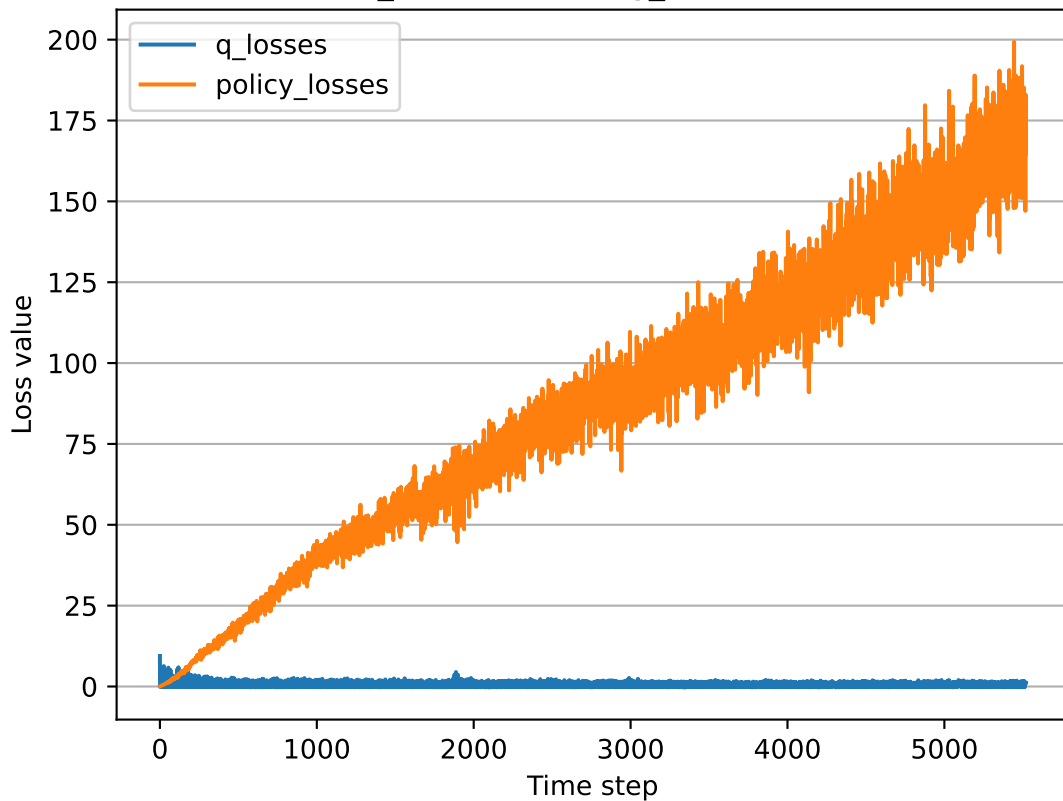
PRB-DDPG - Building_5 loss values



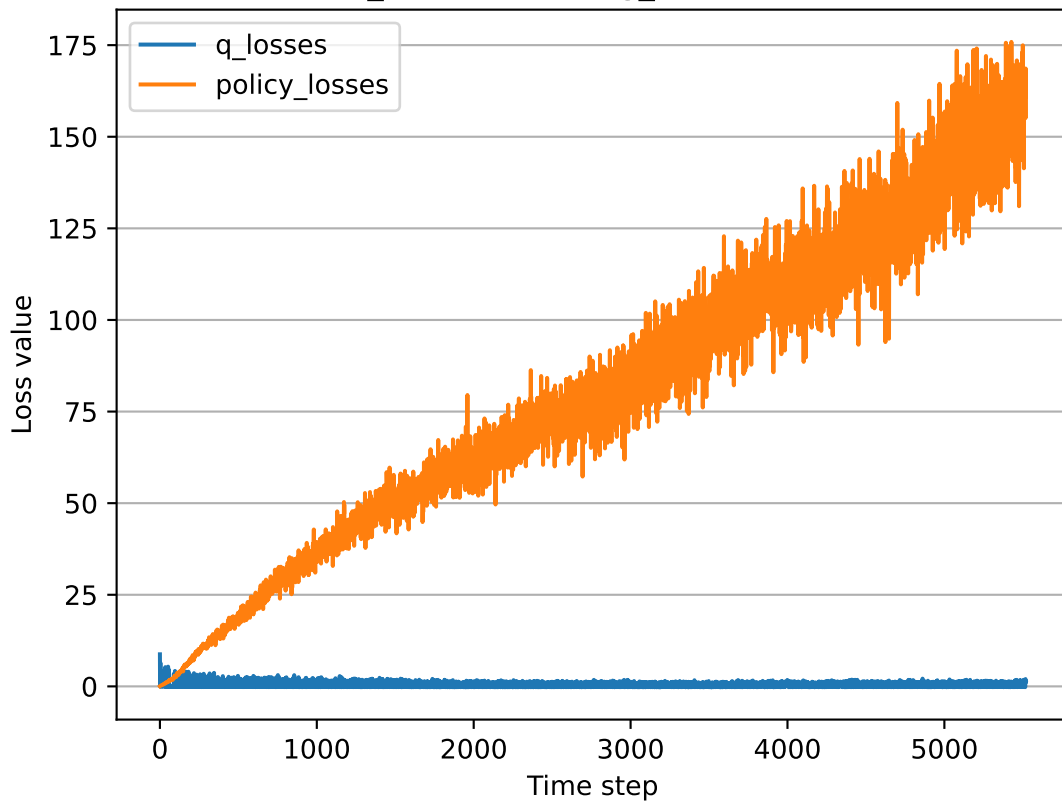
PRB-DDPG - Building_7 loss values



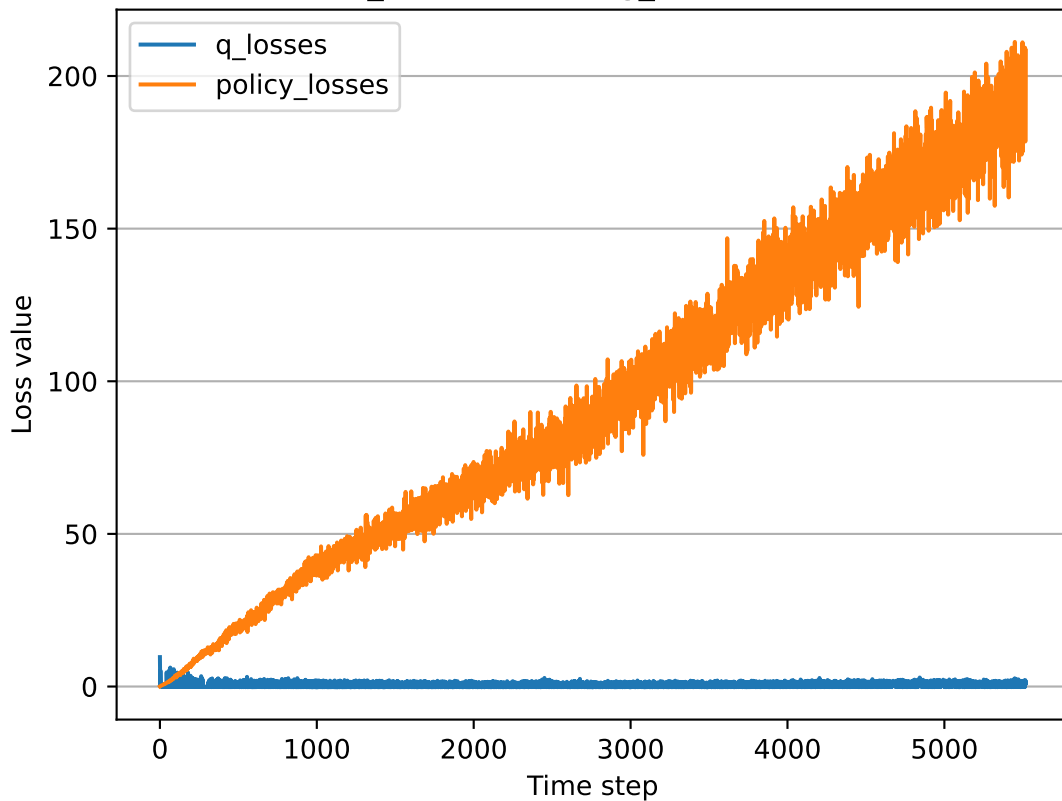
PRB-DDPG - Building_8 loss values



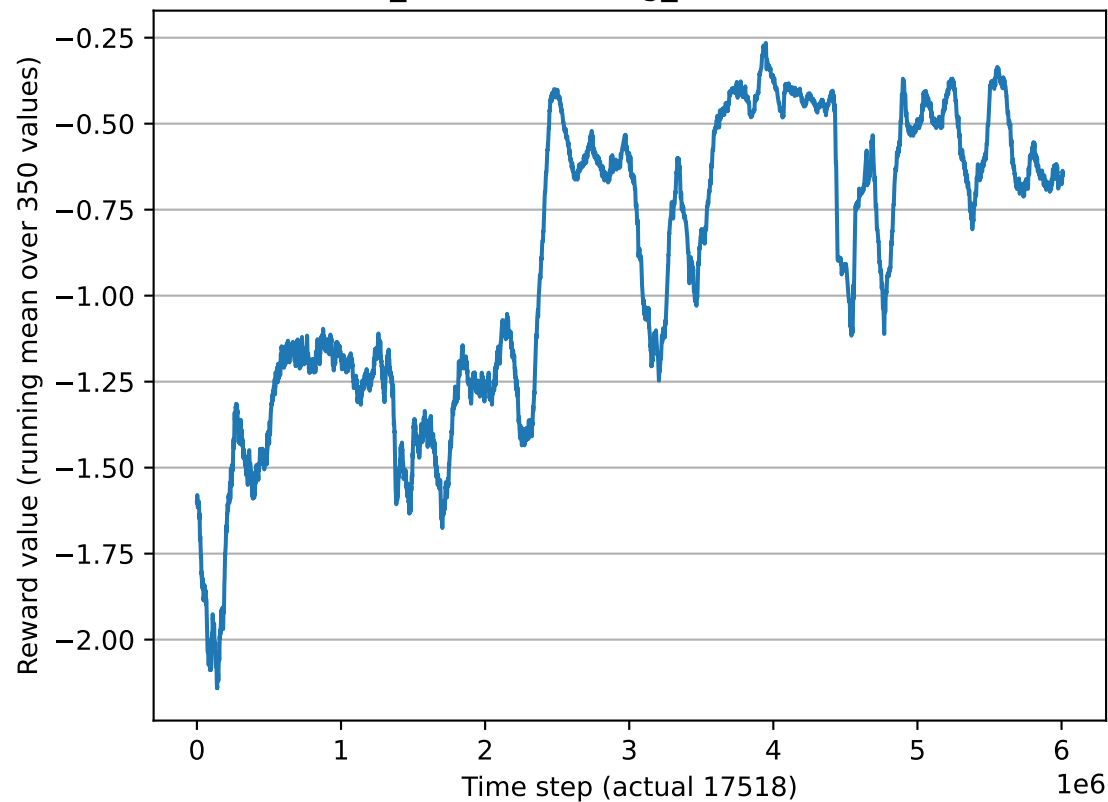
PRB-DDPG - Building_11 loss values



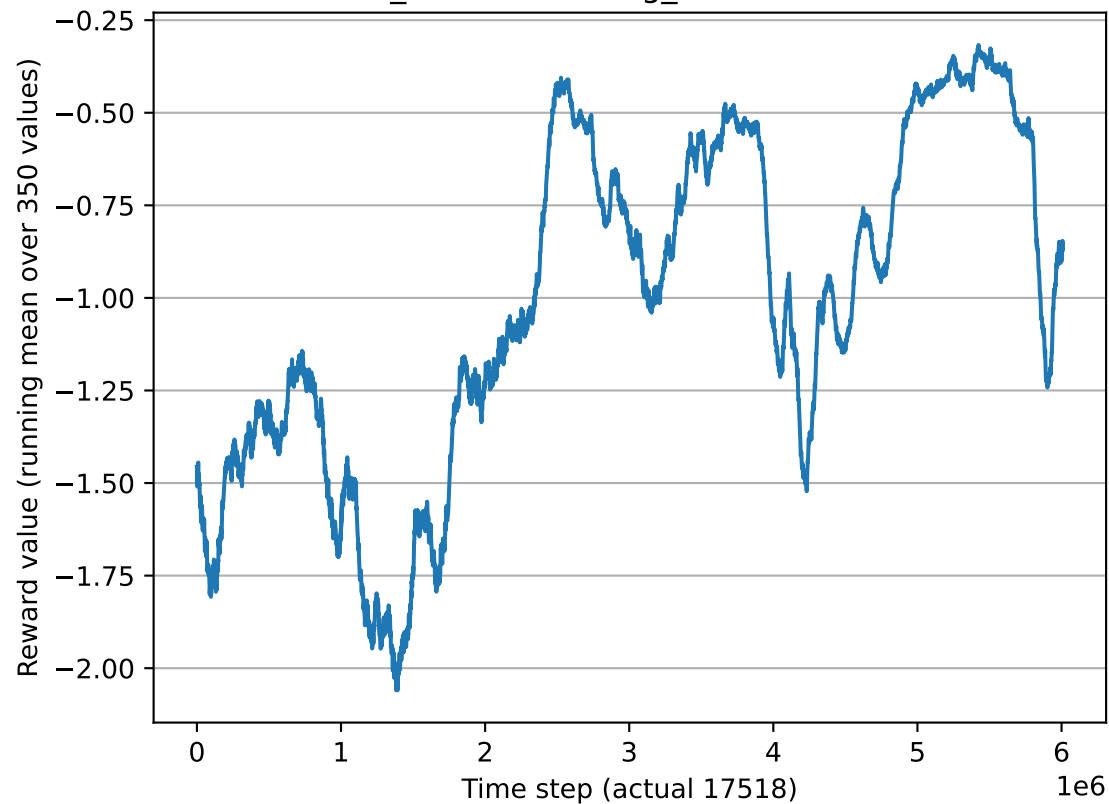
PRB-DDPG - Building_17 loss values



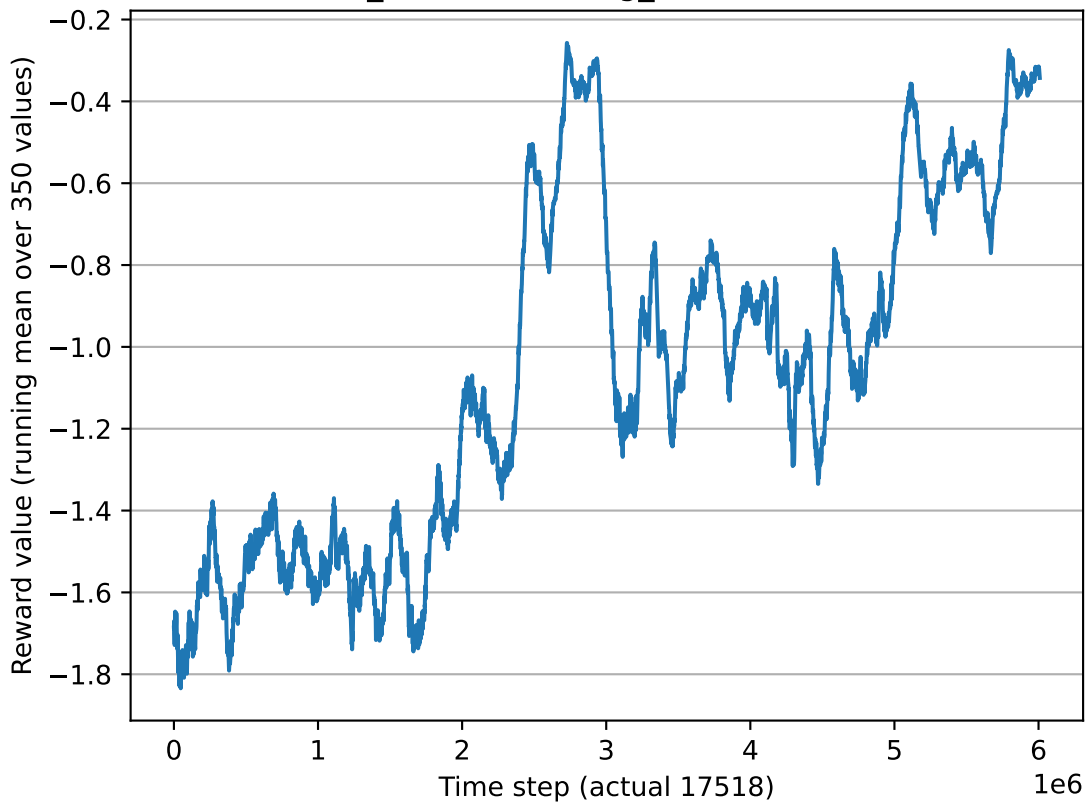
PRB_DDPG - Building_3 reward values



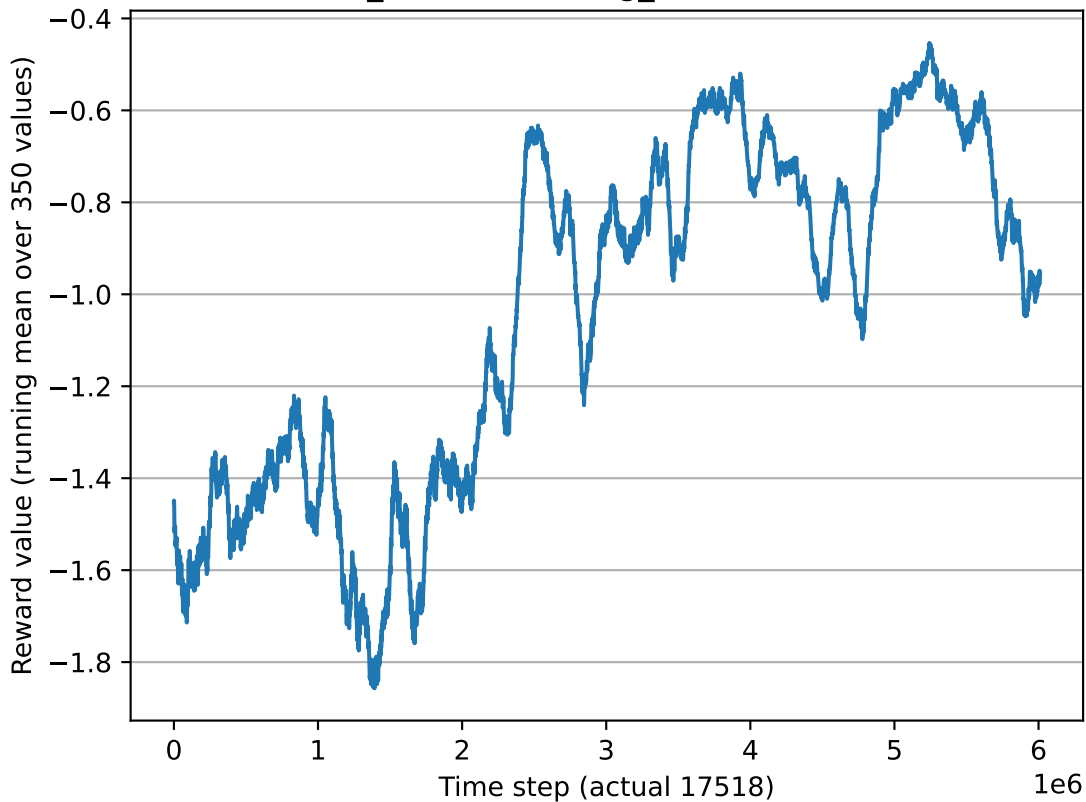
PRB_DDPG - Building_5 reward values



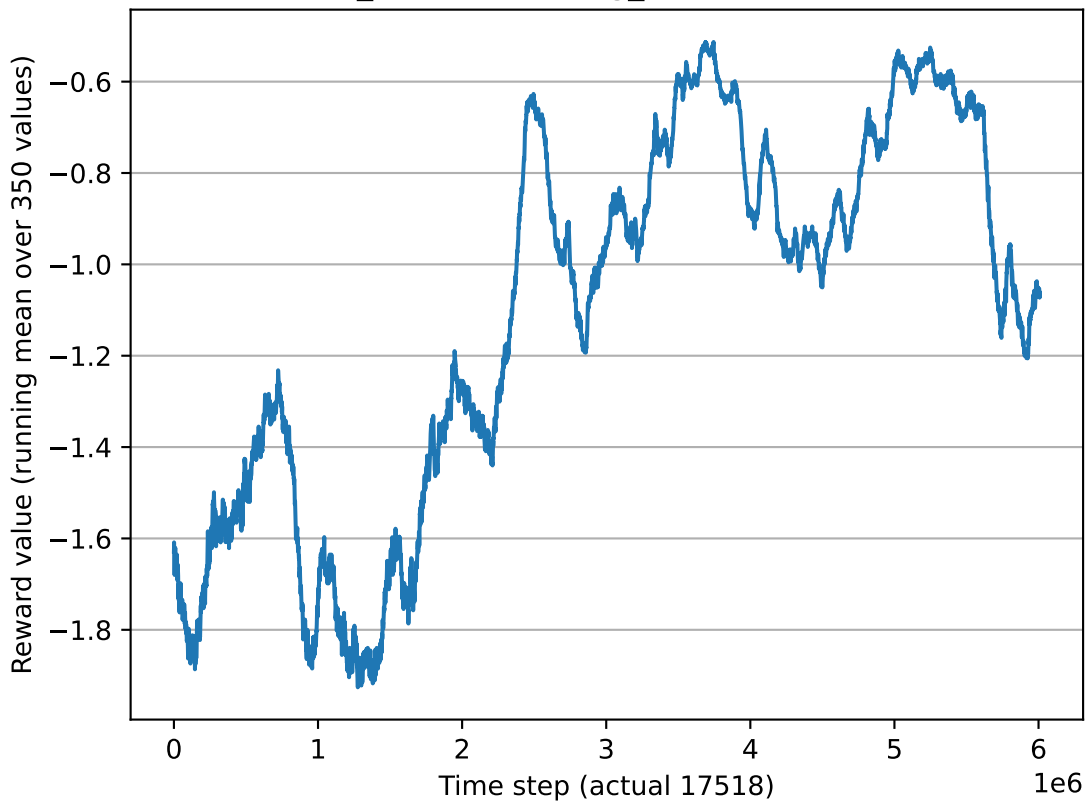
PRB-DDPG - Building_7 reward values



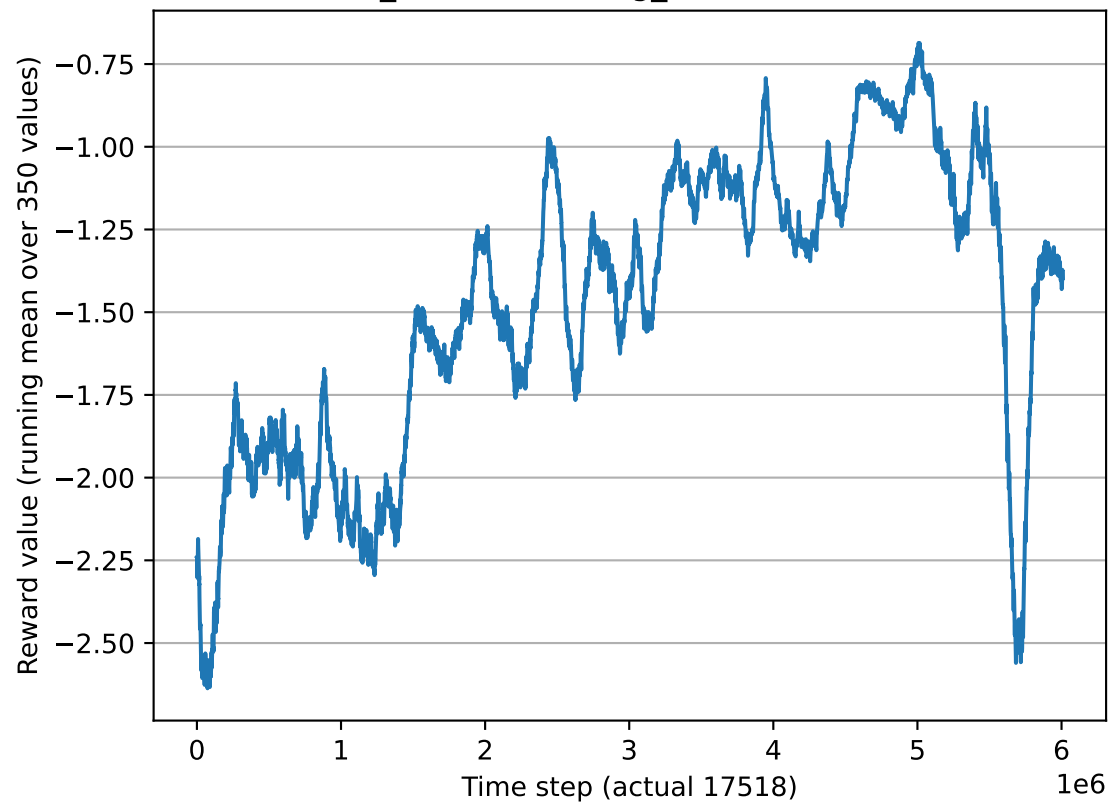
PRB_DDPG - Building_8 reward values



PRB-DDPG - Building_11 reward values



PRB_DDPG - Building_17 reward values



PRB_DDPG evaluation results during training

