KPIs at building-level

	1 - used_pv_of_total_share	carbon_emissions	cost	electricity_consumption
Building_1	RBC: 1.166 SAC_DB2Value: 0.772 SAC_DB2Value Best: 0.681	1.054 0.949 0.911	1.052 0.942 0.904	1.054 0.949 0.912
Building_2	1.194 0.742 0.671	1.063 0.953 0.907	1.06 0.947 0.904	1.063 0.953 0.906
Building_4	1.132 0.827 0.669	1.052 0.987 0.946	1.05 0.989 0.946	1.053 0.986 0.946
Building_6	1.071 0.782 0.752	1.054 0.984 0.96	1.052 0.978 0.956	1.054 0.984 0.96
Building_9	1.198 0.778 0.68	1.092 0.92 0.862	1.087 0.91 0.854	1.092 0.922 0.864
Building_14	1.105 0.724 0.696	1.066 0.959 0.933	1.063 0.953 0.927	1.066 0.96 0.933

Legend: Baseline (dashed), RBC, SAC_DB2Value, SAC_DB2Value Best

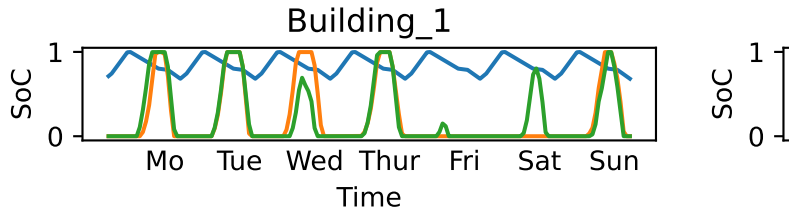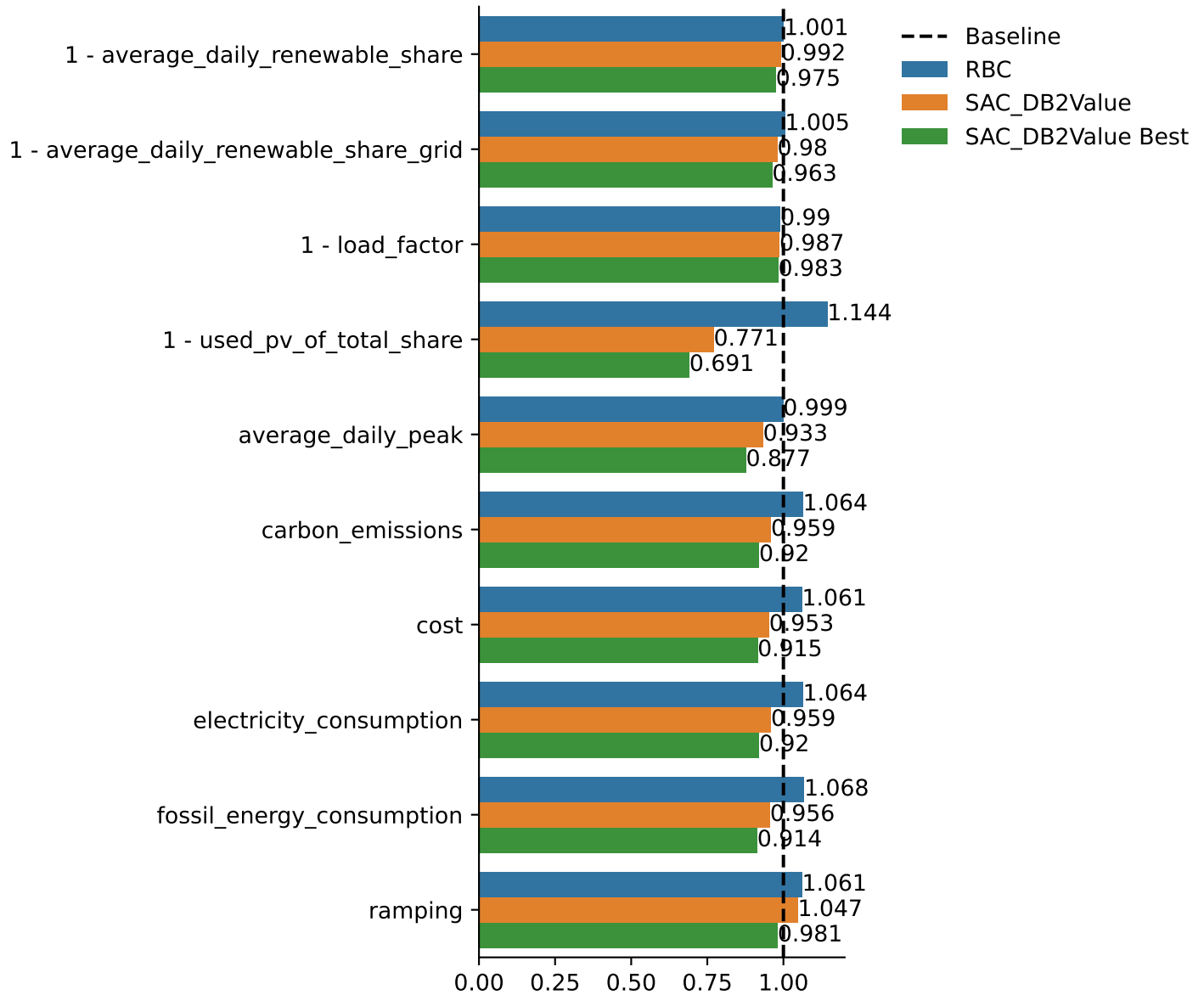Building-level net electricty consumption profile
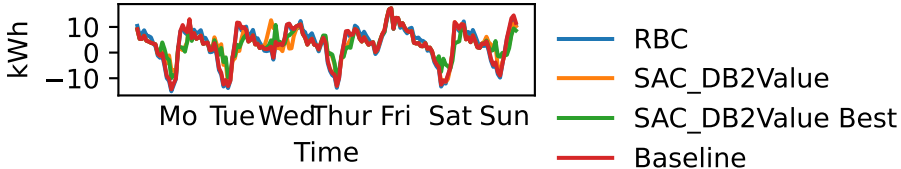
Building-level battery SoC profiles
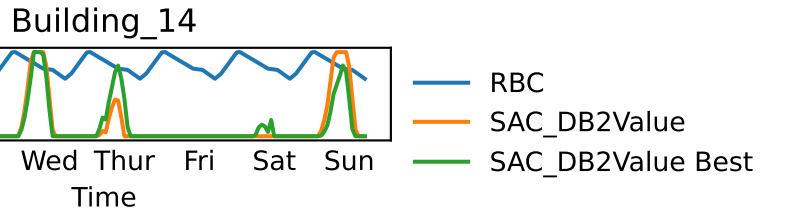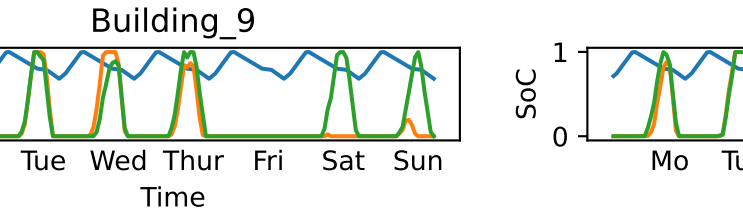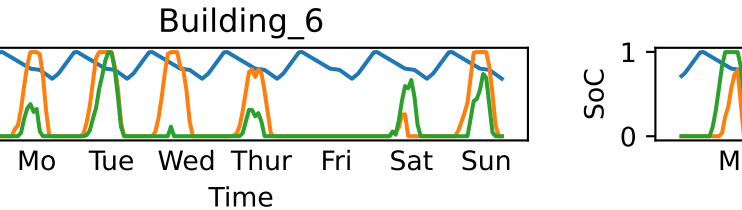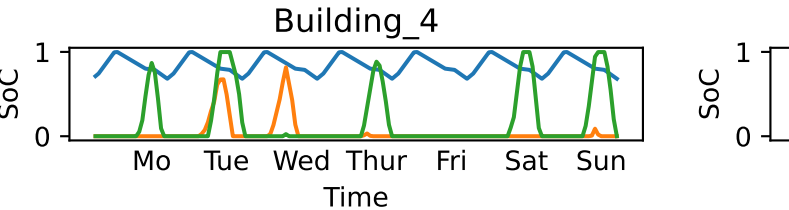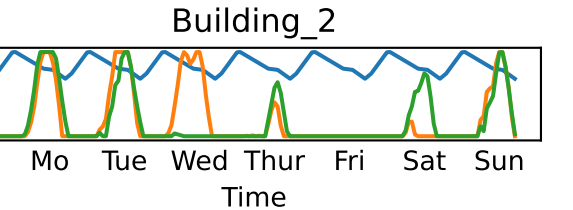
KPIs at district-level

District-level net electricty consumption profile

kWh axis with values 10, 0, -10

Time axis: Mo, Tue, Wed, Thur, Fri, Sat, Sun

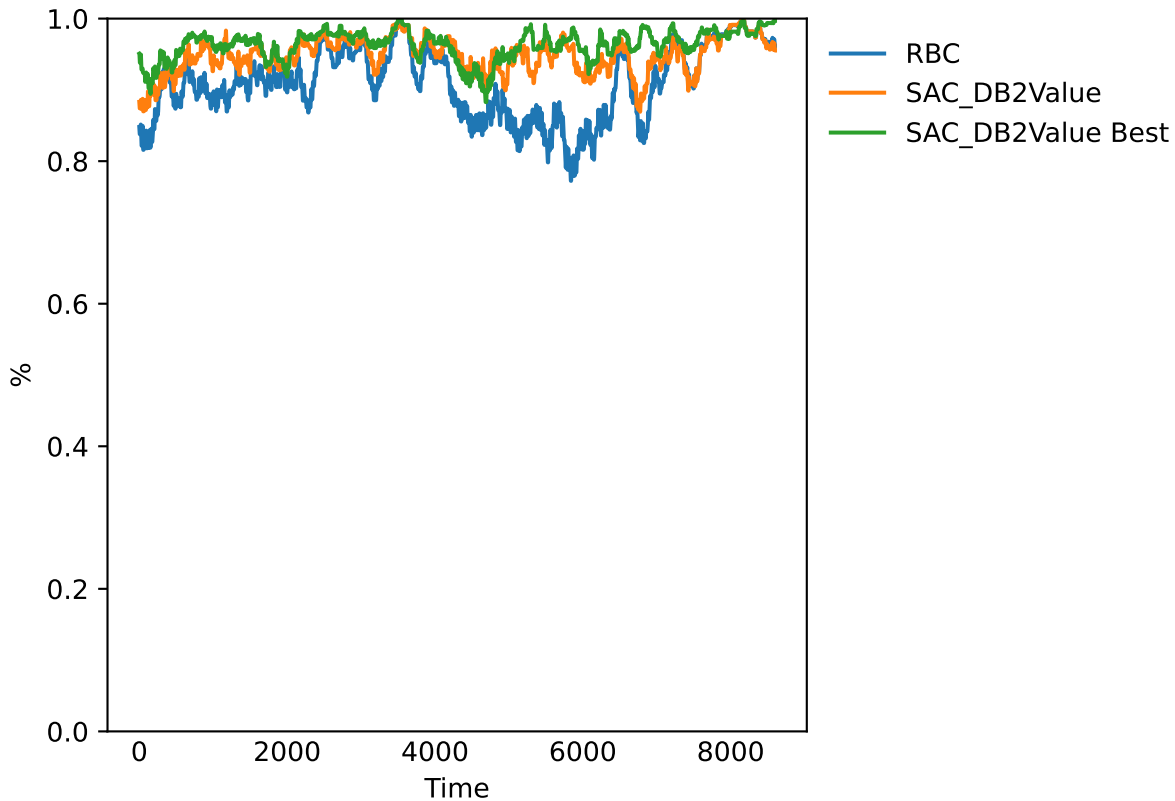Legend:
- RBC
- SAC_DB2Value
- SAC_DB2Value Best
- Baseline

Used PV / available share (Building_1)
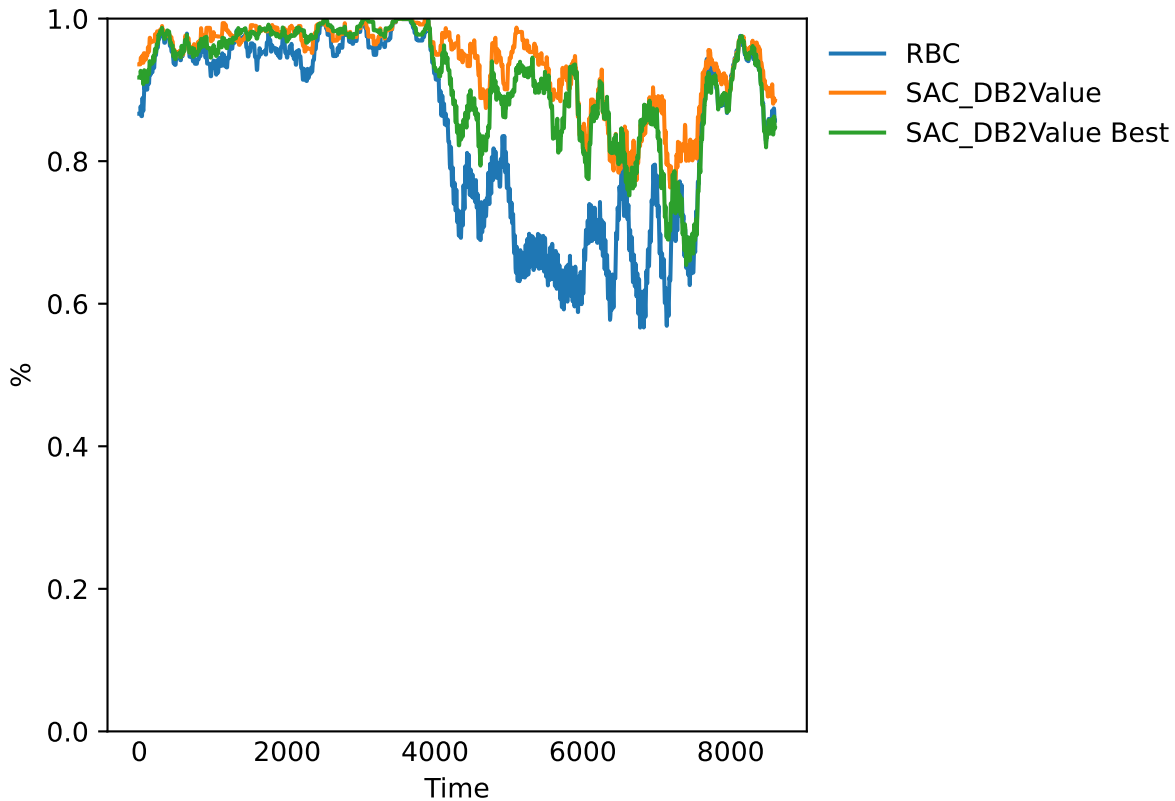
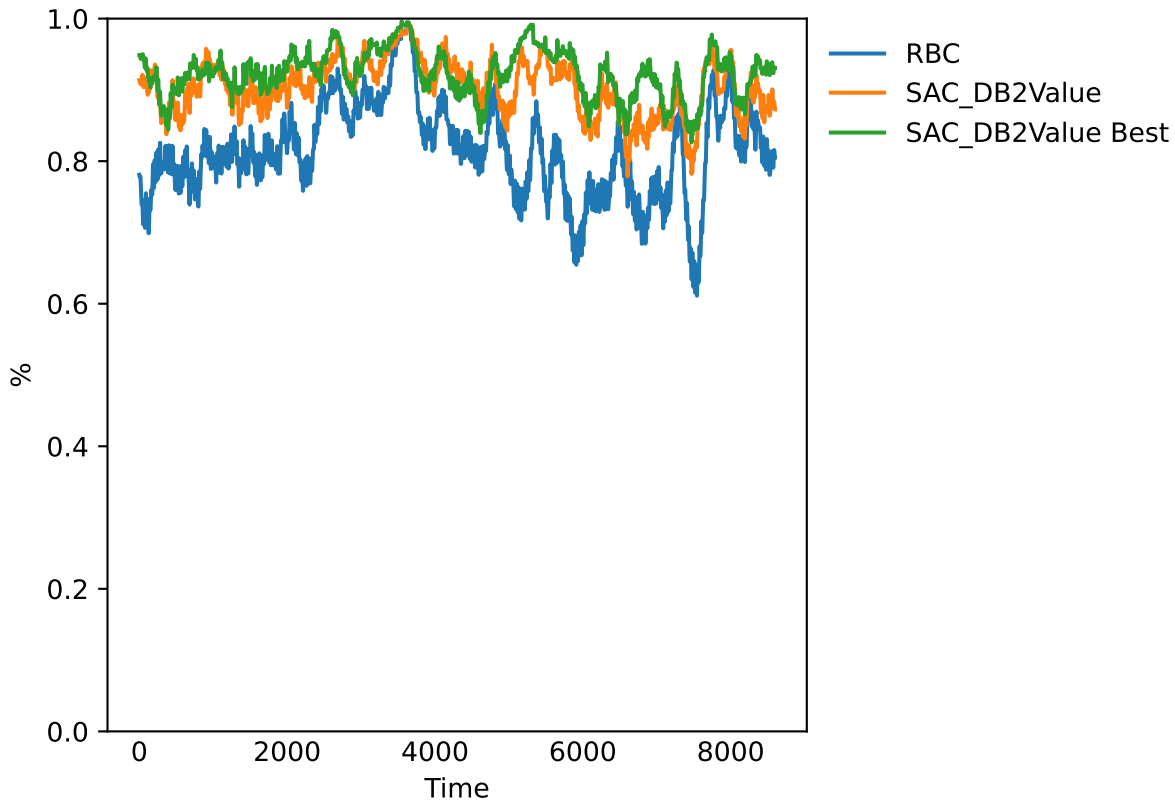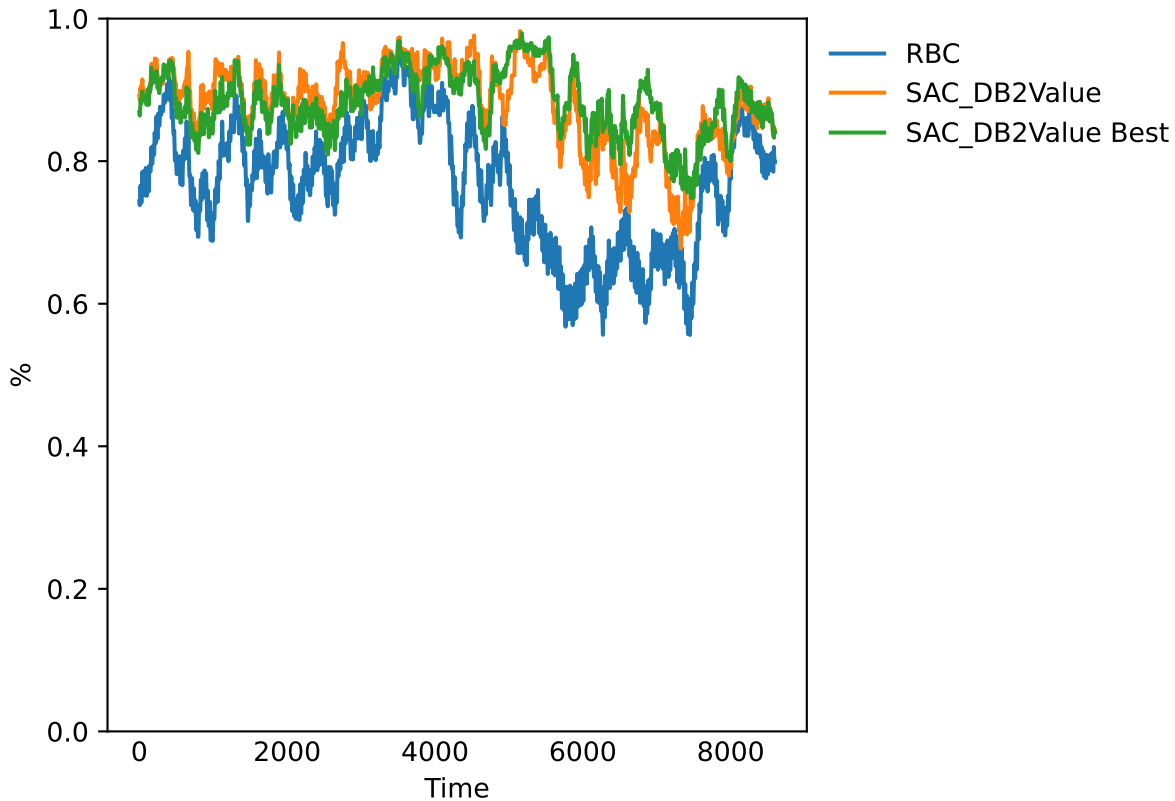Used PV / available share (Building_2)
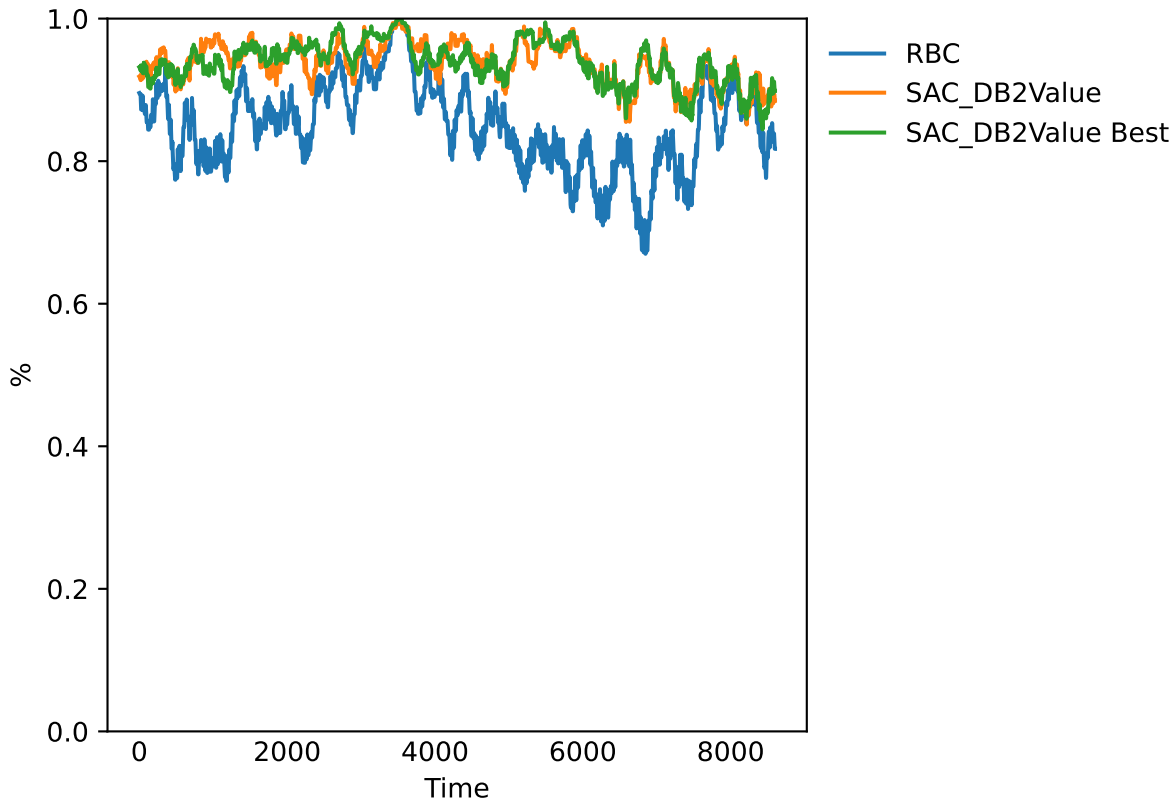
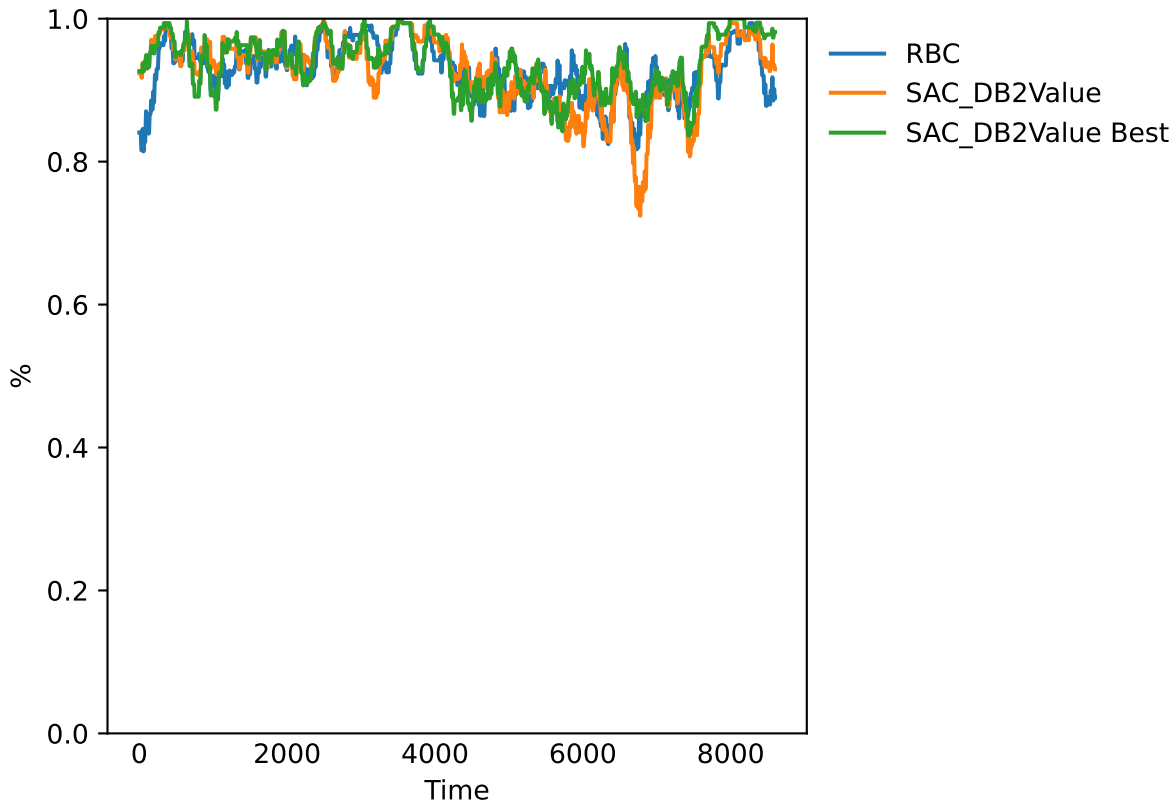Used PV / available share (Building_4)

Used PV / available share (Building_6)

Used PV / available share (Building_9)
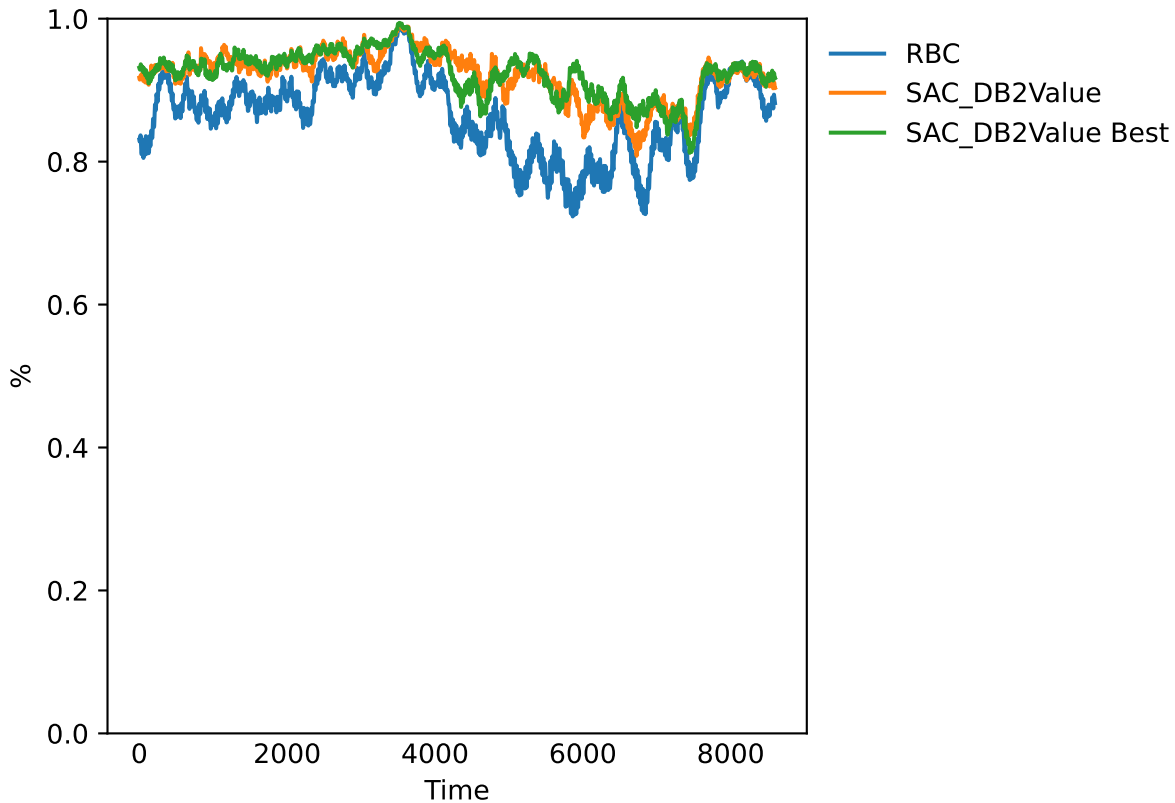
- RBC
- SAC_DB2Value
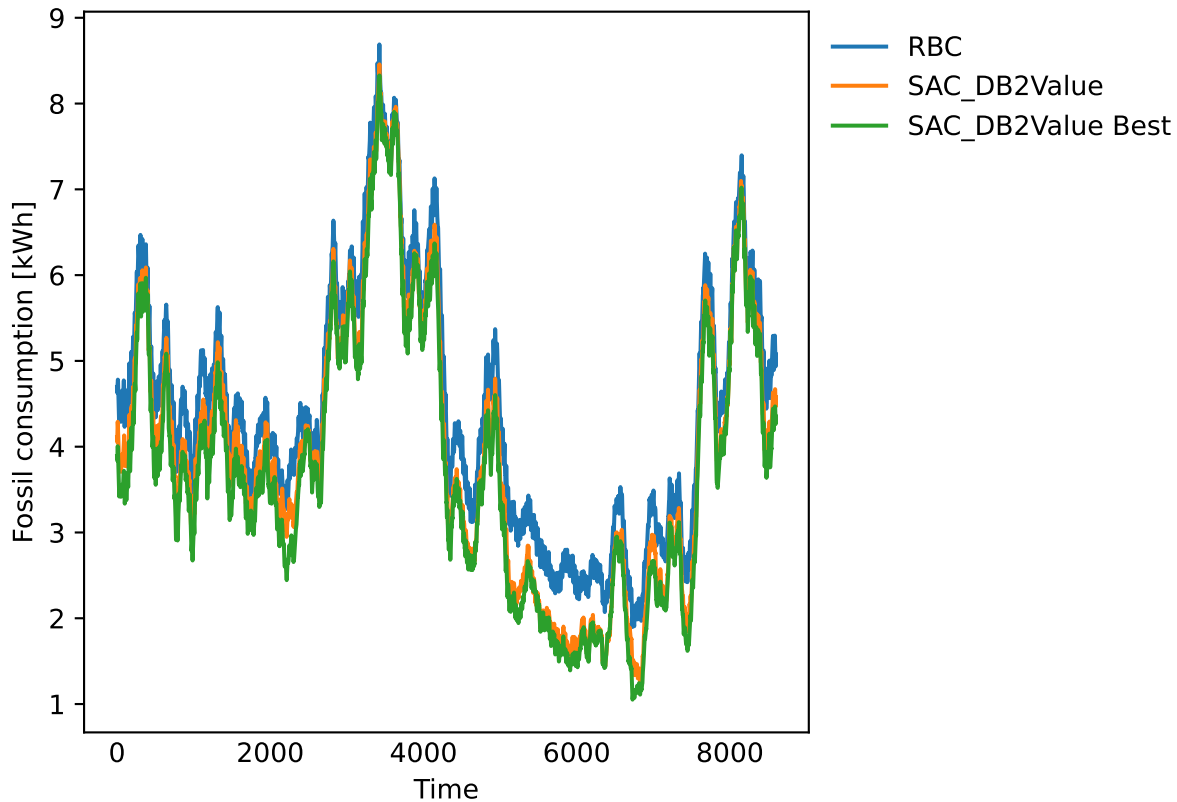- SAC_DB2Value Best

Used PV / available share (Building_14)

District-level used renewable energy grid / available
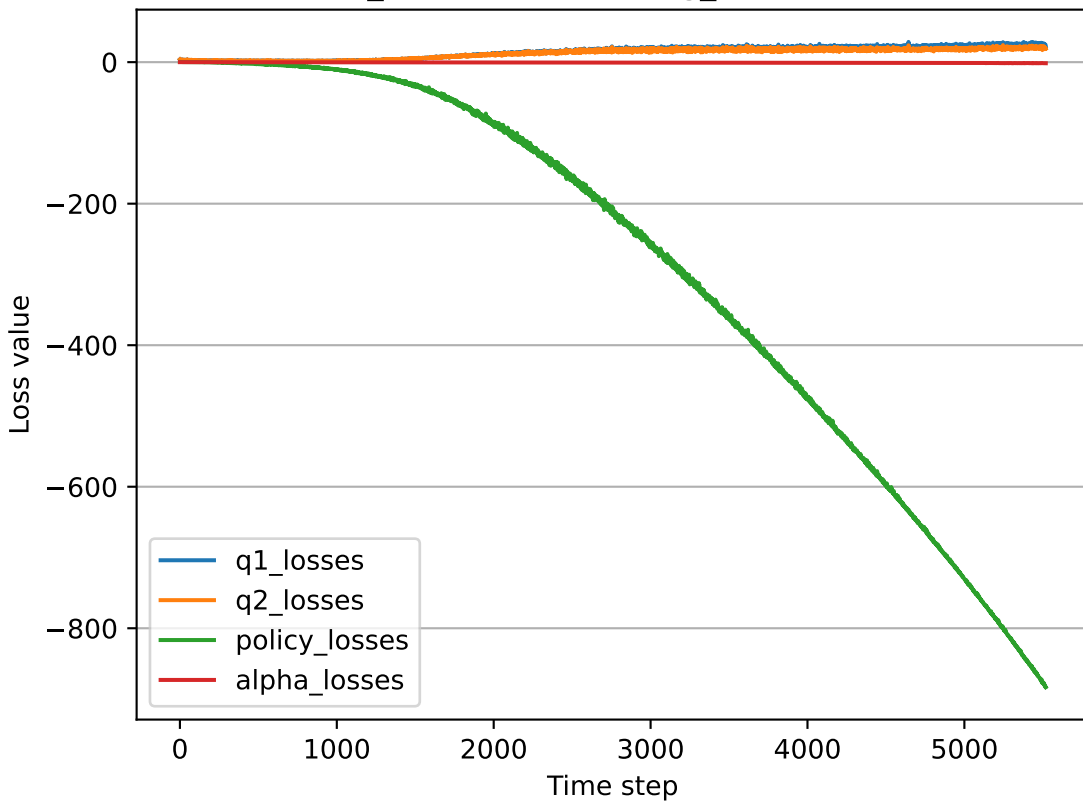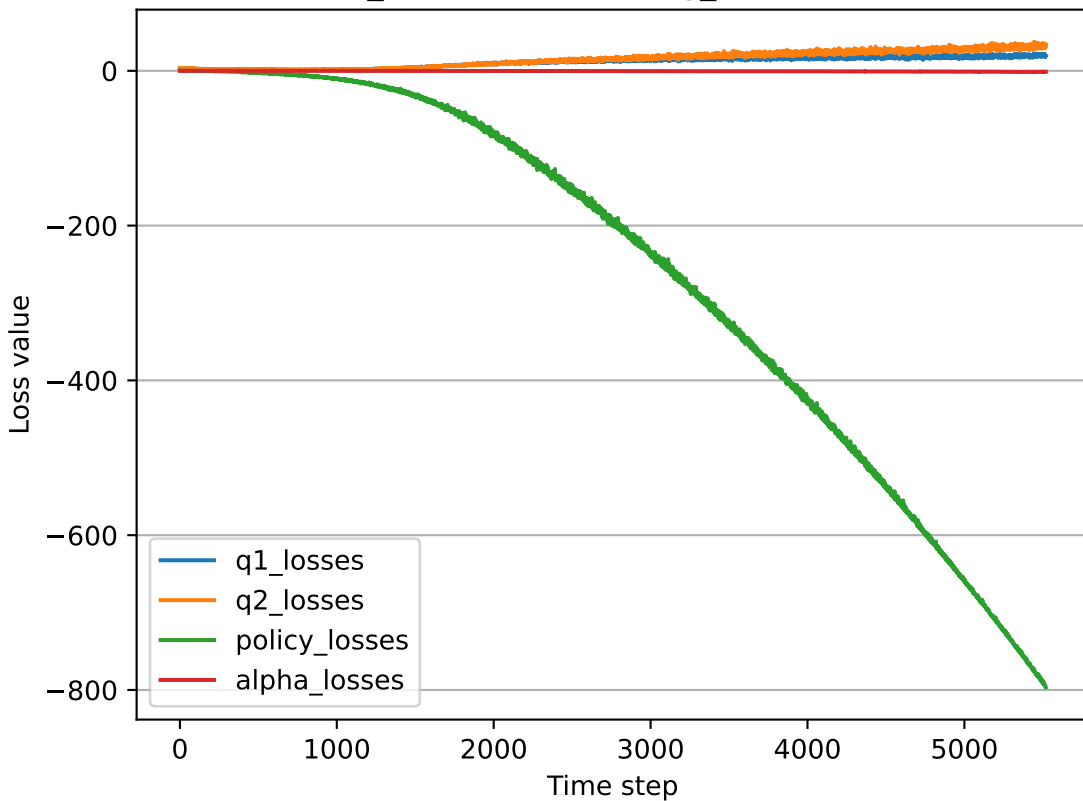
District-level used renewable energy / available

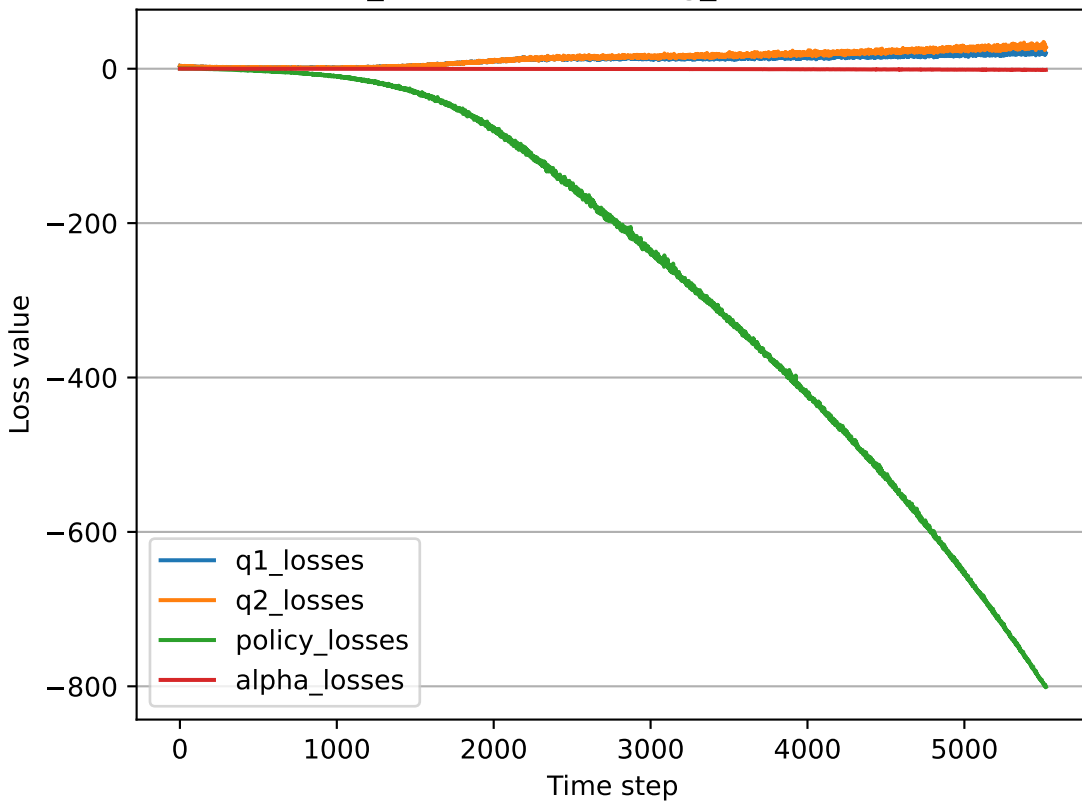District-level fossil energy consumption

SAC_DB2Value - Building_1 loss values

Legend:
- q1_losses
- q2_losses
- policy_losses
- alpha_losses

X-axis: Time step
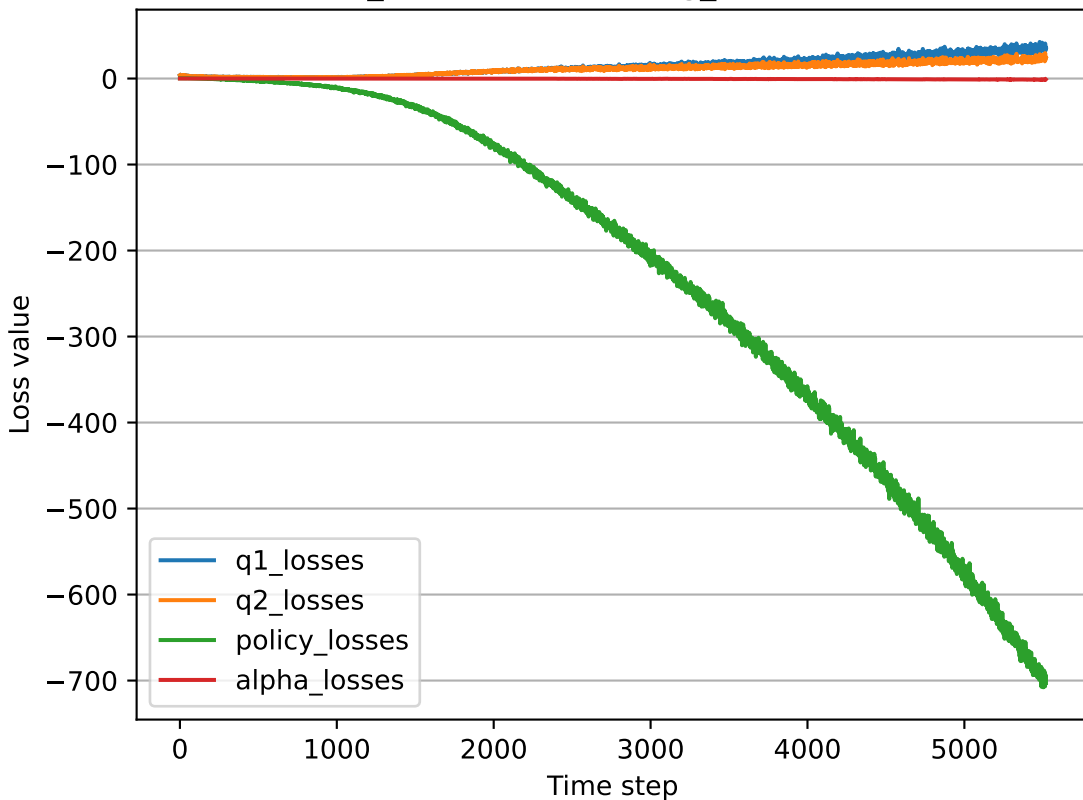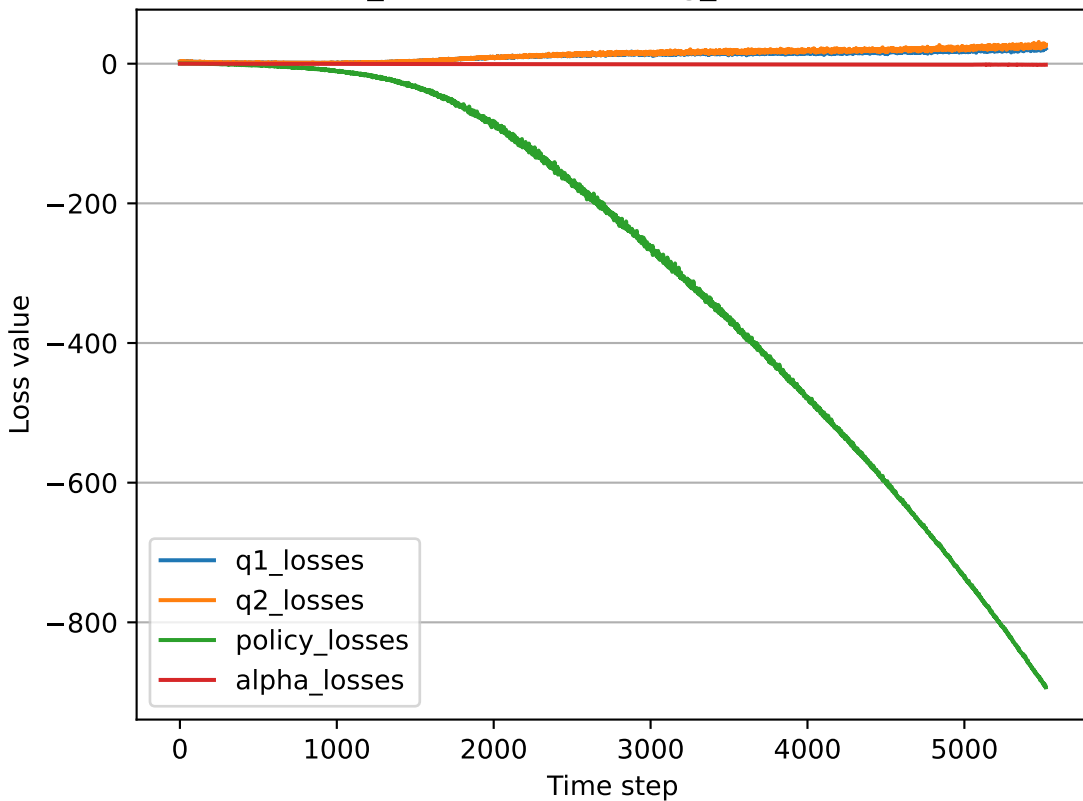Y-axis: Loss value

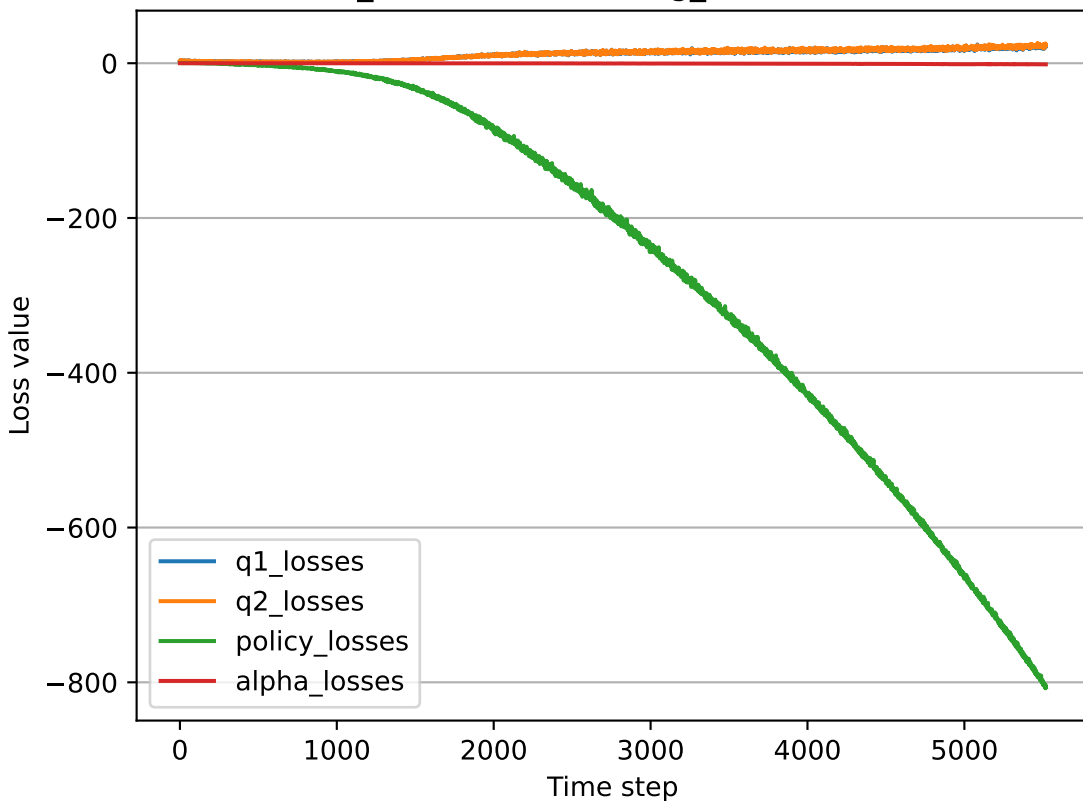SAC_DB2Value - Building_2 loss values

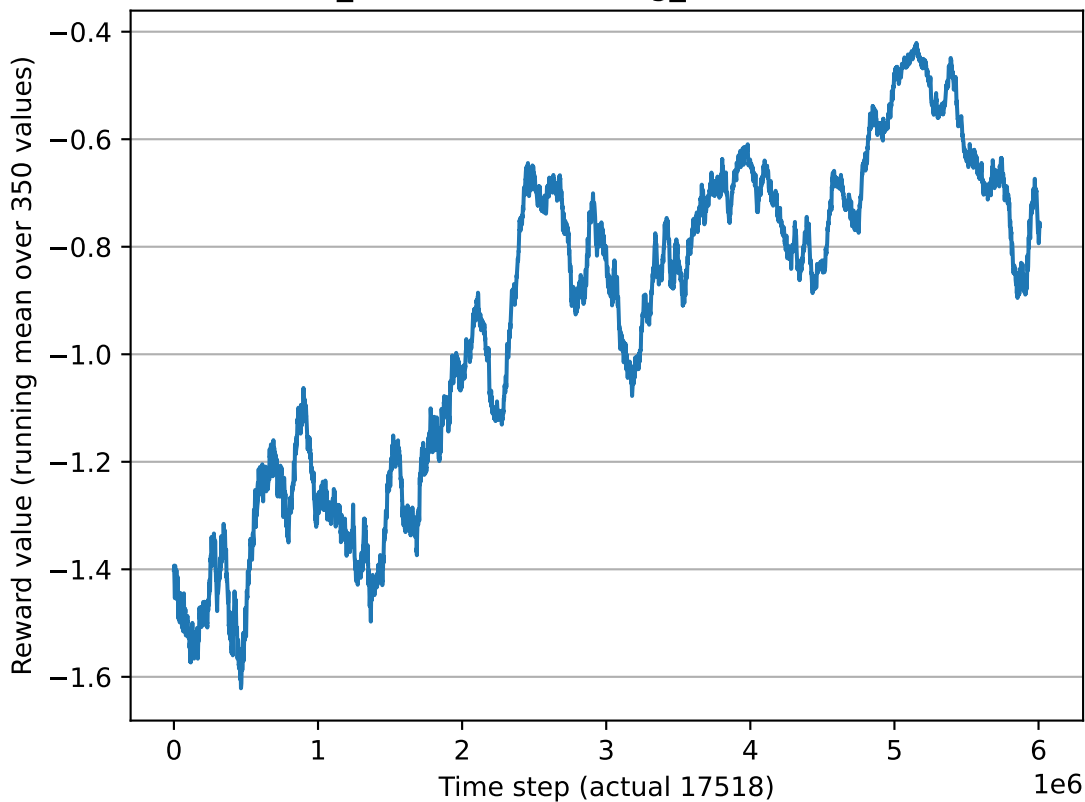SAC_DB2Value - Building_4 loss values

SAC_DB2Value - Building_6 loss values

SAC_DB2Value - Building_9 loss values

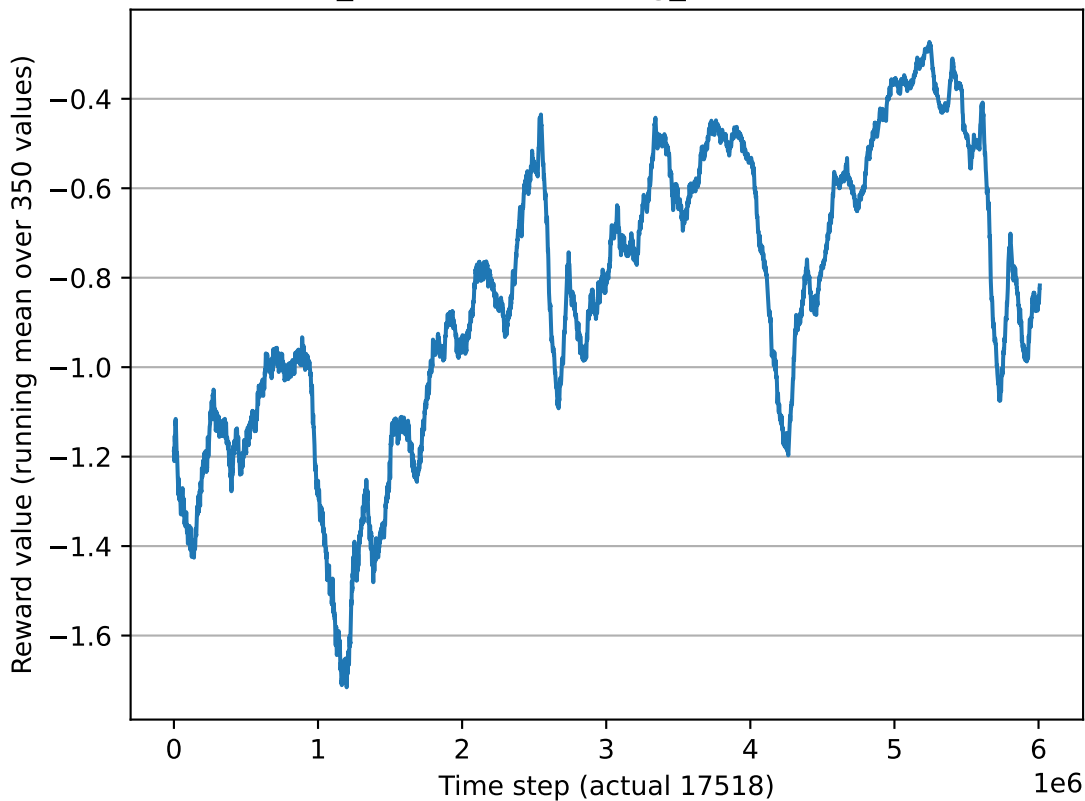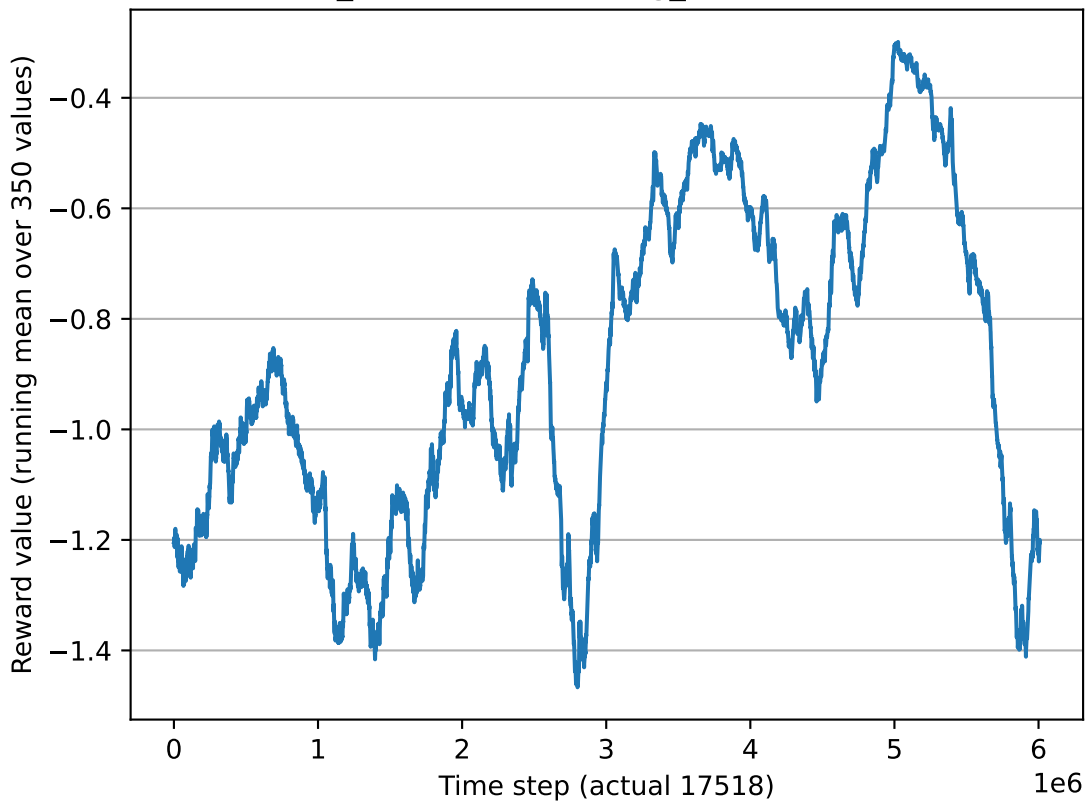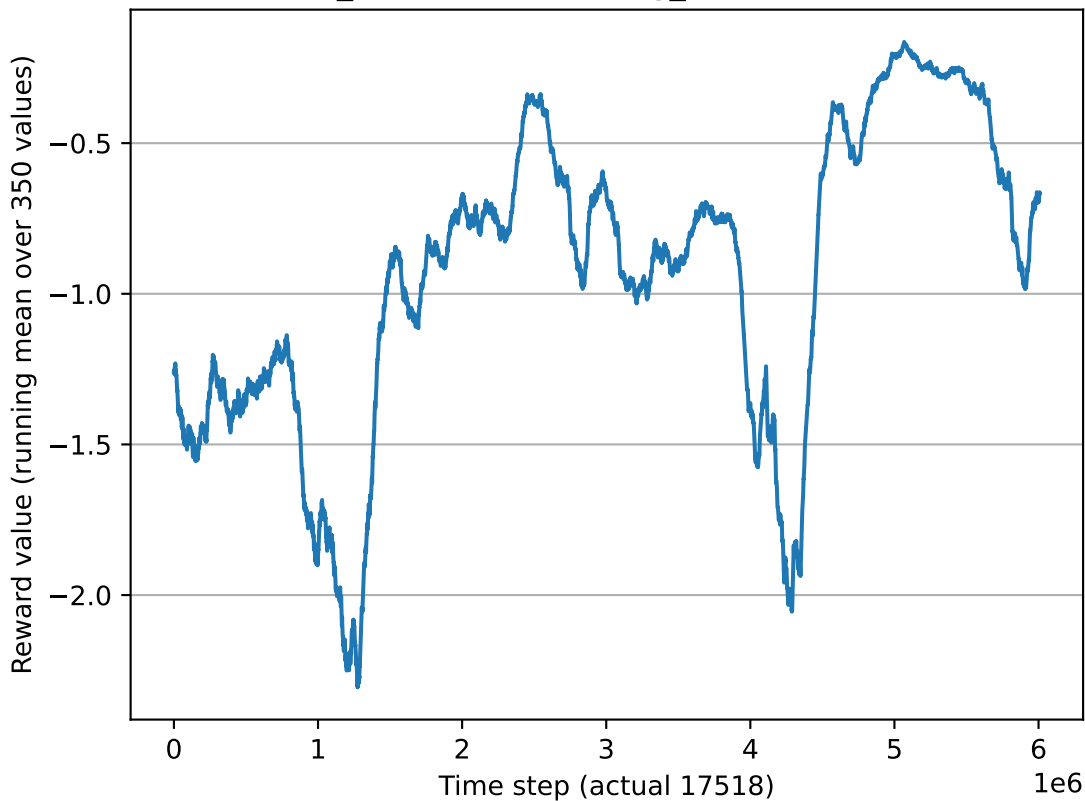SAC_DB2Value - Building_14 loss values

SAC_DB2Value - Building_1 reward values

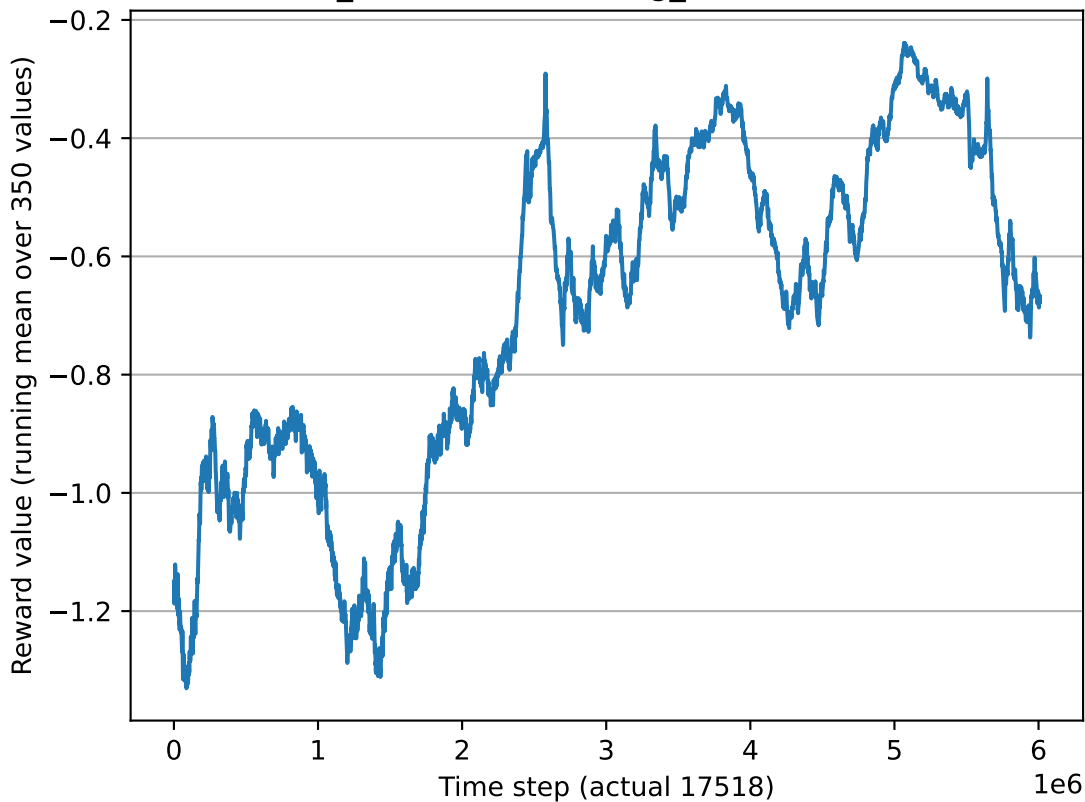SAC_DB2Value - Building_2 reward values

SAC_DB2Value - Building_4 reward values
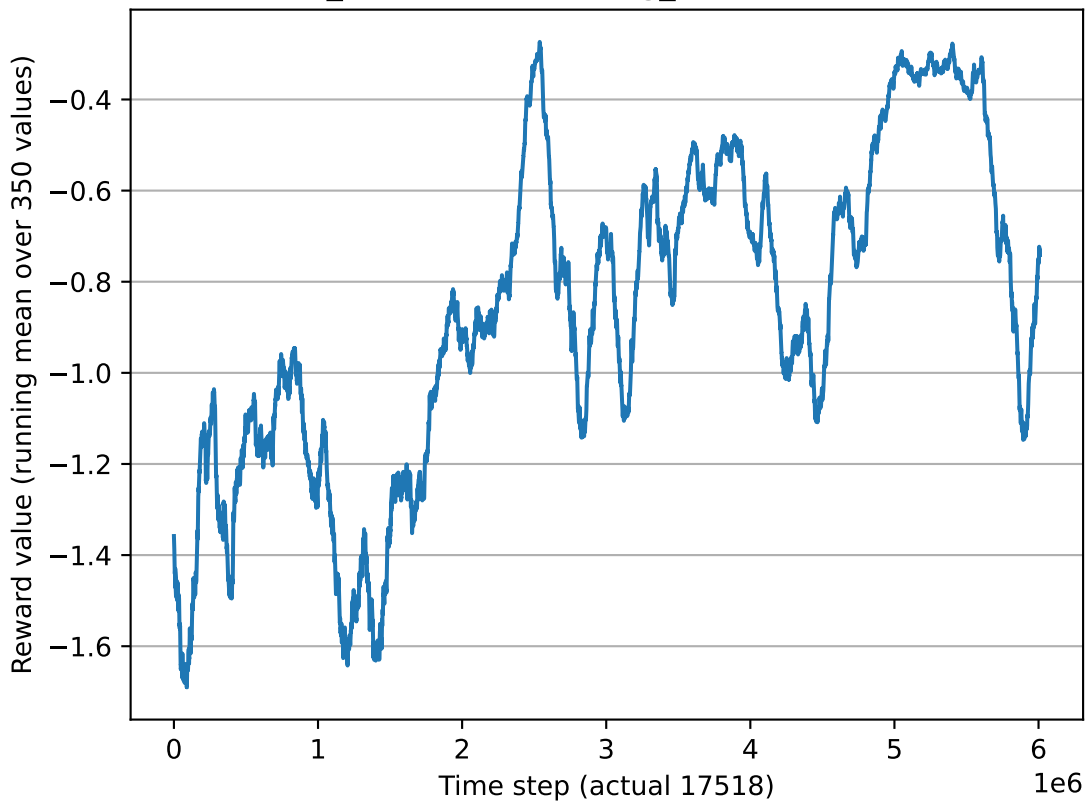
SAC_DB2Value - Building_6 reward values

SAC_DB2Value - Building_9 reward values

SAC_DB2Value - Building_14 reward values

SAC_DB2Value evaluation results during training

Legend:
- 1 - average_daily_renewable_share
- 1 - average_daily_renewable_share_grid
- 1 - used_pv_of_total_share
- fossil_energy_consumption