

Hybrid Storage System to increase Self-Consumption of Buildings

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Building Energy Management System

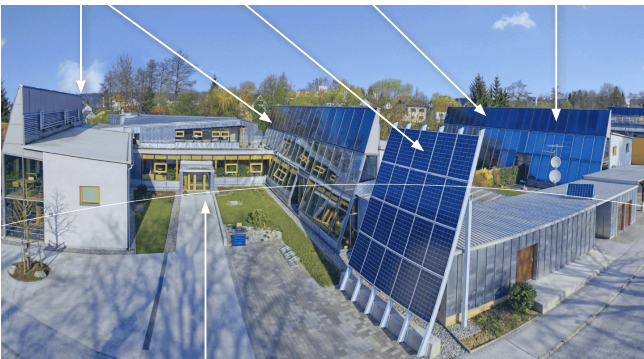
- Storage Management
- Load/generation prediction
- Optimisation of self-consumption
- Electricity market participation



Demo in Austria

- Mixed Residential/Office Space
- Low temperature district heating connection
- 2nd Life Battery + long term CLC Hybrid Storage

Office PV system Office Residential houses



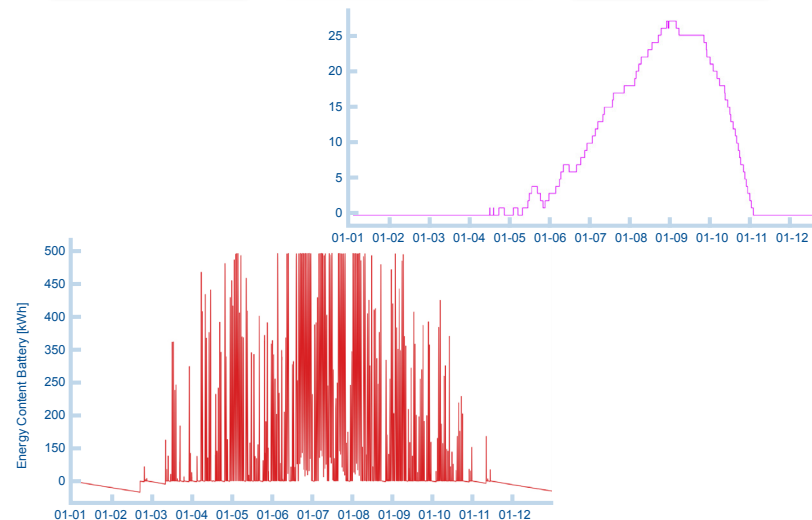
Connection construction (office)

SCORES HYBRID SYSTEM

Electricity storage

Power to heat conversion

Heat storage



Validated building system simulation model

- Calibration of BEMS algorithm
- Future System Scenarios

