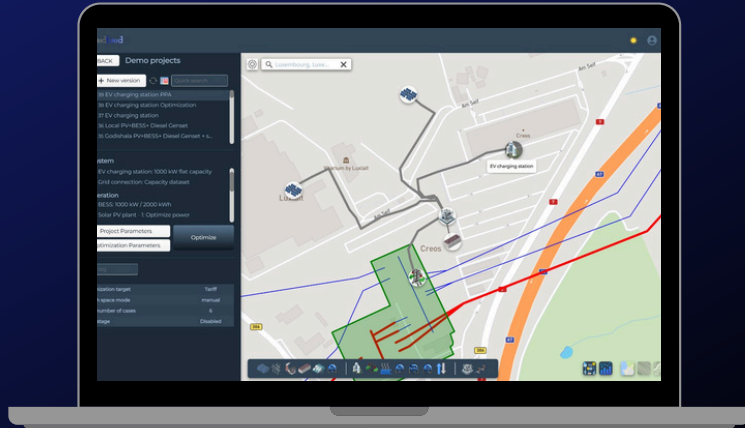




Learn More

EV charging station design



Case Study

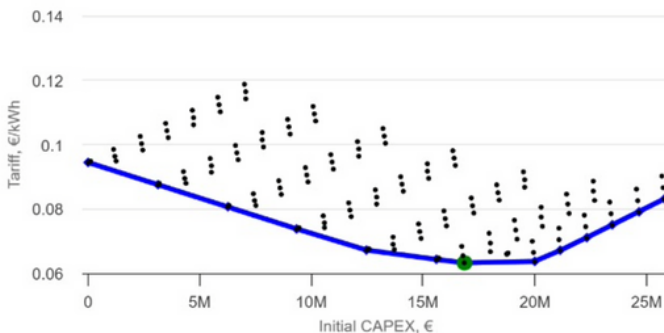
What we do

Gridbrid EV station optimization is designed to streamline the design and operation of electrical vehicle (EV) charging stations.

Gridbrid offers a comprehensive solution by calculating and optimizing energy flows and financial performance for thousands of scenarios to make informed development decisions, optimize their energy usage, and maximize financial returns.

With Gridbrid you can

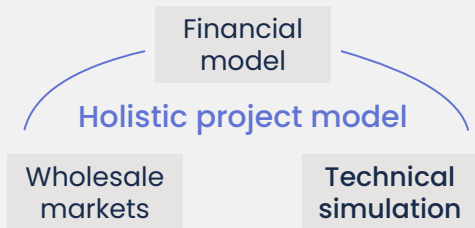
- Hourly power flow calculation for grid integration, on-site BESS, renewable energy sources, and PPAs.
- Shortfall and peak demand analysis with cost and impact calculation



Key benefits

Develop EV charging stations with

- Optimized profits
- Reduced risks
- Less delays



Find the right energy mix trade-off

- Target lowest tariff or highest IRR
- Minimize CO2 emissions
- Reduce long term exposure to wholesale market volatility
- Evaluate ancillary services revenues
- Keep initial investment reasonable
- Meet PPA rules, avoid penalties

