

Two options for a Load Profile Analysis to determine the power potential of your charging solution: Light & Pro

Specification of services

Load Profile Analysis Pro

Goal: Analysis of the impact of your planned e-mobility solution on the energy profile of your site with recommendations for action

Pos 1: Acquisition of the site load profile and high-level evaluation

- Evaluation of an existing annual load profile (*suitable power meter required*)
- Data collection of user profiles and planned charging infrastructure

Pos 2: Evaluation of the load profile

- Determination of a day with critical site load
- Accumulation of average driving profiles supplied by the customer to an aggregated load profile of all electric vehicles
- Simulation of the effects of charging events on the site load
- Derivation of the necessary power demand
- Evaluation of possible cost savings through load management

Pos 3: Technical recommendations for using load management

- Specifying the concurrency factor of the charge points for the installation
- Recommendation for the required power at the e-mobility connection point (sub-distribution)

Load Profile Analysis Light

Goal: Analysis of your site and fleet load after commissioning of your charging solution for optimal setting of your ChargePilot

Pos 1: Load measurement and evaluation

- Phase-accurate measurement of the site and fleet load over a period of 4 weeks; data collection using ChargePilot (ChargePilot components including Dynamic add-on package must already be installed and in operation before measurement)
- Evaluation and graphical presentation of the most important measurement data

Pos 2: Recommendation for the operation of the charging solution

- Statement on utilization and possible number of additional charging stations
- Consideration of phase occupancy and, if necessary, recommendations for action
- Setting the maximum power peak of your building load as a fallback value in the charging and energy management system