



Hybrid Greentech  
Energy Storage Consultants



Your catalyst for the energy storage uptake



ELECTRIC VEHICLES

# ENERGY STORAGE IN EV CHARGING STATIONS

## BETTER ECONOMY

- Peak shaving and reduced grid connection
- Increase income by participating in electricity markets
- Lowering high costs from peak demand charges
- Lowering electricity costs by charging when prices are low
- Demand forecasting

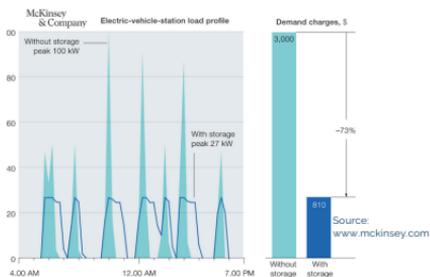
## GRID BENEFITS

- Grid congestion relief
- Voltage support
- Frequency support

**Global Electric Vehicles market** value is estimated to reach **\$560 billion** by 2025

## TACKLING COSTS

The most important issue when it comes to EV fast charging is high establishing costs, demand costs and grid electricity prices. A battery system installed at an EV charging station will reduce the establishing cost for grid connection and add voltage and frequency support. This improves the economy of the charging station as the grid electricity is used less and the peak power demand decreases as shown in the graph below.



## EVALUATION TO IMPLEMENTATION

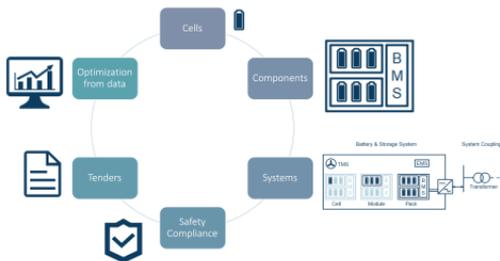
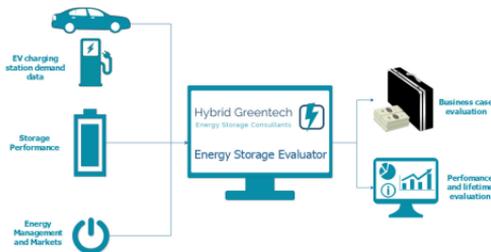
Hybrid Greentech takes the customer through complete process from evaluation and implementation of energy storage systems in EV charging stations. Making sure that:

- The customer gets the right energy storage technology for the specific application and station size.
- Conducts the tender process for customers
- Product suppliers fulfill the recommended system and safety requirements

Hybrid Greentech develops custom algorithms for market and demand forecasting

## BUSINESS CASE EVALUATION

Hybrid Greentech inspires people to implement energy storage so that together we can achieve 100% renewable energy. By using the latest research and industry knowledge we are making it simple to take an investment decision on energy storage. We develop a world leading decision tool for energy storage, a sizing and optimization platform that helps you decrease cost and increase performance.



Forbes estimates

**25 million sold EVs** by 2025

EV - ICE vehicles price parity by **2022**

according to Bloomberg

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## ABOUT HYBRID GREENTECH APS

Hybrid Greentech promote energy storage to reach 100% renewables in the utility and transport sector. We are an energy storage consulting company with more than 25 years accumulated experience in energy storage focusing on battery and hydrogen technologies.