

充電電高効率化技術

Battery management system

需要に応じた充電計画と車両エネルギーマネジメントを組み合わせ、エネルギーロスを低減

Demand-driven charge/power supply planning integrated with vehicle energy management realizes energy loss reduction

■ 充電時：高効率電源変換と熱制御で電費向上し、社会全体での電力消費低減

Charging: Improved electricity efficiency and reduced electricity consumption through high-efficiency power conversion and thermal control

■ 給電時：インフラ、車両の将来需要を推定し、V2G / V2Hでの売電による経済性向上

Power supply: Enhanced economic value by estimating future infrastructure/vehicle demand through electricity sales via V2G/V2H

