



Smart E-Mobility charging

Optimal charging management for your Electric Vehicle Fleet

Increase charging **flexibility** to
decrease **CO2** and **energy
costs**

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OPTIMAX® PowerFit EVFleet

Optimal charging management
for your EVFleet

OPTIMAX® PowerFit EVFleet has the
Ability® to match vehicle schedules
with available grid power

Calculation of power reserves:

- Additional benefit by trading flexibility
- Use depot occupancy schedule data
- Regarding grid constraints of multiple charge points

Maximize renewable power usage:

- Charging flexibility enables major energy contribution from volatile renewables

Integrate into VPP's and power pools:

- Integrates seamlessly into
ABB Ability® OPTIMAX® PowerFit



Smarte E-Mobility Lösung

Optimales Lademanagement für Ihren elektrischen Fuhrpark

Reduktion von **CO2** und
Energiekosten durch die
intelligente Nutzung von
Ladefflexibilitäten

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OPTIMAX® PowerFit EVFleet

Optimales Lademanagement für
Ihren elektrischen Fuhrpark

OPTIMAX® PowerFit EVFleet passt die
Ladeleistung Ihres E-Fuhrparks der
verfüglichen Netzkapazität an

Ermittlung von Flexibilitäten:

- Zusätzliche Erlöse am Regelenergiemarkt
- Nutzung von Depotbelegungsplänen
- Beachtung von Netzeinschränkungen mehrerer Ladepunkte

Maximale Nutzung erneuerbarer Energien:

- Flexibles Lademanagement ermöglicht eine maximale Ausbeute aus volatilen erneuerbaren Energien

Integrationsmöglichkeiten in VPP's und Bilanzkreise

- Einfache Einbindung in **ABB Ability® OPTIMAX® PowerFit** möglich



Rechargement Smart E-Mobility.

Gestion optimale du rechargement de votre flotte de véhicules électriques

Augmenter la **flexibilité** du rechargement pour réduire les **coûts** de **CO2** et **d'énergie**

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OPTIMAX® PowerFit EVFleet.

Gestion optimale du
rechargement de votre EVFleet

OPTIMAX® PowerFit EVFleet utilise
Ability® fait concorder les horaires
des véhicules et la puissance du
réseau disponible

Calcul des réserves de puissance:

- Avantages supplémentaires grâce à la flexibilité des transactions
- Utilisation des données du calendrier d'occupation des dépôts
- Prise en compte des contraintes de réseau de multiples points de recharge

Maximiser l'utilisation d'énergie renouvelable:

- La flexibilité du rechargement permet une contribution énergétique importante par les énergies renouvelables volatiles

Intégration dans les VPP et les power pools:

- S'intègre parfaitement dans
ABB Ability® OPTIMAX® PowerFit