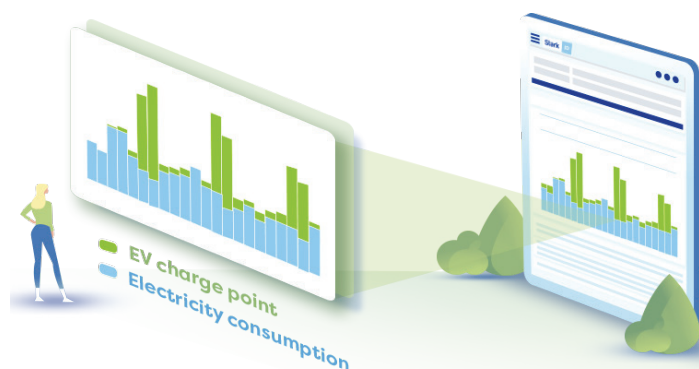


Data-Driven EV Charging: KMPT Keeps Building Energy in Focus

Kent & Medway NHS and Social Care Partnership Trust partnered with Stark Charge for a phased solution beginning with new strategic installations, then integrating existing chargers into one unified platform. Stark's approach delivered both optimised hardware and seamless data integration—providing half-hourly charging data in Stark ID alongside building energy data, allowing KMPT to manage EV expansion without compromising energy visibility.



With KMPT's electricity data already in Stark ID, our team could accurately analyse available capacity across their sites. This existing data relationship proved invaluable—enabling precise calculations for optimal charger placement and ensuring infrastructure matched actual needs rather than theoretical maximums. By leveraging real consumption patterns, Stark delivered a solution that worked within KMPT's energy constraints while maximizing charging availability.



The Customer Challenge

KMPT required reliable charging infrastructure to support their growing fleet of electric ambulances and service vehicles. Energy capacity constraints and lack of visibility into existing systems made planning difficult without expert guidance.

4

day installation
timeline

6

chargers
fixed

12%

increase in charges
each month

“

EV charge points are critical for our electric Rapid Response Fleet ensuring we have a reliable and a mobile mental health service. By providing on-site charging, we are able to guarantee that our vehicles are always ready to respond and attend to patients while advancing our sustainability objectives as a Trust.”

Victoria Stevens, Deputy Chief

The Solution

Phase 1:

Strategic New Installations Facing energy capacity constraints, Stark Charge began with a detailed data analysis of KMPT's distribution centers. Rather than installing an arbitrary number of chargers, Stark analysed available capacity to determine the optimal number and placement of charging points. This data-driven approach resulted in the installation of nine 22kW sockets across three critical sites, maximising charging capability.



Phase 2:

Integration of Existing Infrastructure

Beyond solving the immediate need for ambulance charging infrastructure, KMPT discovered two existing chargers at another site. These basic "plug and play" 7kW sockets lacked data visibility, maintenance and control. As they were OCPP compliant chargers, Stark were able to take over providing KMPT with consolidated visibility and control across all charging assets.

Data Integration: The Stark Difference

What truly sets Stark Charge apart is the integration of half-hourly EV charging data within Stark ID—the same platform KMPT uses for building energy management. This unique capability allows energy managers to clearly separate EV charging from building consumption, ensuring their established energy management strategies remain effective without being skewed by vehicle charging patterns.

Ongoing Expansion: Meeting Growing Demands

As additional departments within the Trust began electrifying their fleets, Stark continued deploying new charging points. This natural expansion has supported non-clinical departments like catering, with all implementations guided by Stark's data-first approach.

Results and Benefits

- **Integrated data visibility** with half-hourly EV charging data in Stark ID alongside building energy data
- **Clean separation of EV charging** from building energy usage, preserving effective energy management strategies
- **Maximised charging capacity** within existing energy constraints
- **Controlled access** ensuring priority use for critical vehicles

“

Installation of EV charge points form part of our Net Zero strategic ambitions for KMPT by reducing travel emissions, cutting operational costs and fulfilling our Green Plan commitment. Every charge delivered, powers not just vehicles but a cleaner healthier KMPT community.”

Sirina Blankson, Head of Sustainability, Environment & EFM Compliance Assurance

**Contact Stark today to
power your sustainability**

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