



Welch's Relies on FPS Operate to Boost EV Infrastructure ROI



Overview

Welch Group is one of the UK's most innovative freight companies and an early adopter of electric trucks.

It's running some of the first Renault rigid and 4x2 tractor units in operation in the UK.

"Partnering with Flexible Power Systems has transformed how we manage and optimize our EV charging infrastructure. Their Operate platform has made it effortless to share our charging facilities with other fleets while keeping our own operations seamless. The automated transaction tracking not only simplifies billing but also ensures accuracy and transparency. This collaboration has been key to maximizing the return on investment from our high-power charging infrastructure and advancing our sustainability goals."

Chris Welch, Managing Director, Welch Group

The challenge

To keep its trucks on the road and ensure return on investment, Welch's must charge them at high speeds, necessitating a significant investment in high power DC rapid chargers at its Duxford Depot.

Welch's identified the potential for improving return on investment by sharing charging infrastructure with other fleets, but didn't want to create unnecessary management overhead with administering the scheme.

The solution

FPS onboarded Welch's charger and vehicles to its Operate platform bringing all vehicle and charger data into one place. A proprietary transaction matching algorithm was deployed that was able to distinguish between third party trucks visiting the site to use the chargers and their own vans, cars, and trucks.

Impact

Welch's uses FPS automated transaction logs to generate bills for third party truck operators using its charging infrastructure. During the first two months of operation the system has correctly identified 33 transactions delivering 4,200 kWh of energy.

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