

CASE STUDY



CLIENT: Evo Energy

LOCATION: York, United Kingdom

PROJECT: Installation LED Price Displays on EV charging hubs



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Jonathan Roper, Principal Renewable Energy Consultant at Evo Energy.



Evo Energy, the UK's leading renewable energy company, has partnered with the City of York Council to open two HyperHubs which aim to showcase best practice for the design of EV charging facilities in cities. The Monks Cross HyperHub, located next to one of York's Park and Ride sites, is one of the largest EV charging hubs in Northern England. It features four 175kW ultra-rapid chargers, which can be upgraded to 350kW, four 50kW rapid chargers, with an adjacent area having thirty 7kW chargers for Park and Ride users.

HYPERHUB

The HyperHub also has a solar canopy which allows the site to generate its own renewable energy which can be stored in the Tesla Powerpack batteries at the charging hub, helping to reinforce the grid. A second site opened in summer 2022 next to Poppleton Bar Park and Ride site in the summer with a third site in the pipeline near the city centre.

EV CHARGING STRATEGY

The opening of the EV charging hubs came following the development of an Electric Vehicle Charging Strategy by the City of York Council. The strategy, looked at a wide range of issues in order to ensure that the HyperHubs met the needs of residents, fleets, commuters and through traffic and was accessible for all.



One key finding from the strategy was that the development of such a facility wasn't currently viable for private sector businesses, so the City of York Council opted to develop their own charging network to guarantee the best results for residents now and in the future. The creation of the HyperHubs was a first for both the City Council and their partners Evo Energy and so partnering with a business with a background in fuel retail was hugely beneficial.

EXPERIENCE

"Bever Innovation's experience with petrol stations and LED price signs was invaluable. The HyperHubs are a very new concept, so having someone experienced in this public facing element of the business who could install robust, reliable equipment that works was really important to us," explained Jonathan Roper, Principal Renewable Energy Consultant at Evo Energy.

Bever Innovations' unique LED design and production techniques are the result of many years of field experience with the world's largest oil companies, including Shell, BP, Q8, Exxon Mobile, and Total.

REMOTE MANAGEMENT

A key requirement for the project was to be able to make price changes across all sites remotely. York City Council have standardised pricing across their network so any price changes need to be rolled out across all sites. This task is made simple with Bever's EOS Technology. All of Bever's LED lighting products are supplied with EOS Technology as standard and can be connected to one secure, wireless network. For the customer this means all devices to be managed remotely from one user-friendly dashboard.

"Our EOS connected sites allow customers to change pricing remotely. Currently EV sites do not tend to change prices very often but this is a simple way for sites to get started and to ready their sites for the future," explained Rutger van Dierendonck, Technical Director of Bever Innovations.

As well as their advanced connectivity, Bever's LED price displays are easy to install and have been tested in even the most extreme weather conditions. The displays boast a long service life with low maintenance costs and the range of design options ensure that the brand's corporate identity is clearly and accurately represented at all times of the day.

To learn more about Bever's LED price displays and range of intelligent lighting products visit fuel.beverinnovations.com/en/



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