

“A3A Energy provided an excellent service and met our EV charging needs at the school. They worked with us throughout the project and it was delivered on time and budget for the start of the new term.”

Norman Patterson, Bursar

Luckley House School

BACKGROUND

Luckley House school in Wokingham, Berkshire sought to install EV chargepoints for staff and visitors to use. The project was managed by A3A Energy from initial consultation, feasibility, through to installation and ongoing management with the work done during the school holidays to minimise disruption. Luckley House school had limited provision for EV charging on site so in June 2022 they approached A3A Energy to provide a solution.

We conducted a feasibility study to explore their requirements and expectations before creating a bespoke solution designed to meet their needs also adapted to suit local constraints and to avoid excavating through existing pedestrian areas.

It was determined that the schools power supply could support the addition of five 22 kW chargepoints by utilising Easee charging technology. This automatically load balances chargepoints on the existing supply.





INSTALLATION

Three 22KW chargepoints and associated infrastructure were installed over the 2022 summer holiday period. Groundworks and infrastructure was provided to allow for another two chargers to be easily and cost effectively added onto the system at a later date.

All of the chargepoints installed include an inbuilt eSIM card allowing remote software updates and the performance of maintenance and diagnostic checks. This reduces the need for site visits and maintenance minimising disruption at the school whilst also removing the need for any connection with a WiFi network.

TECHNOLOGY

The chargepoints access controls have been set up so they can not be used by members of the public. This gave the school the security needed ensuring the chargepoints can only be used by staff or individuals who had the right access credentials. Visitors can use the chargepoints through a PAYG web based secure payment system. In addition signage was provided to indicate the charging bay deterring the charging bays being blocked by non EV driving staff.

CHARGEPOINT MANAGEMENT

Luckley House school wanted to be able to set a pricing tariff to cover the cost of their energy usage. This was done with A3A Energy's partner Fuuse back office management system which gives the school full control over pricing, access rights, restrictions on usage and monitoring without the administrative burden.

This is all provided by A3A Energy as a managed service and includes annual safety testing, inspection and routine maintenance.

FUNDING

The school used the OZEV infrastructure grant for staff and fleets to save £850 per chargepoint installed. An additional £350 can be claimed on additional chargepoints installed in the future

Get in touch

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