



**ElectrAssure**  
Intelligent EV charging solutions



**Reliability you can trust,  
at every stage**



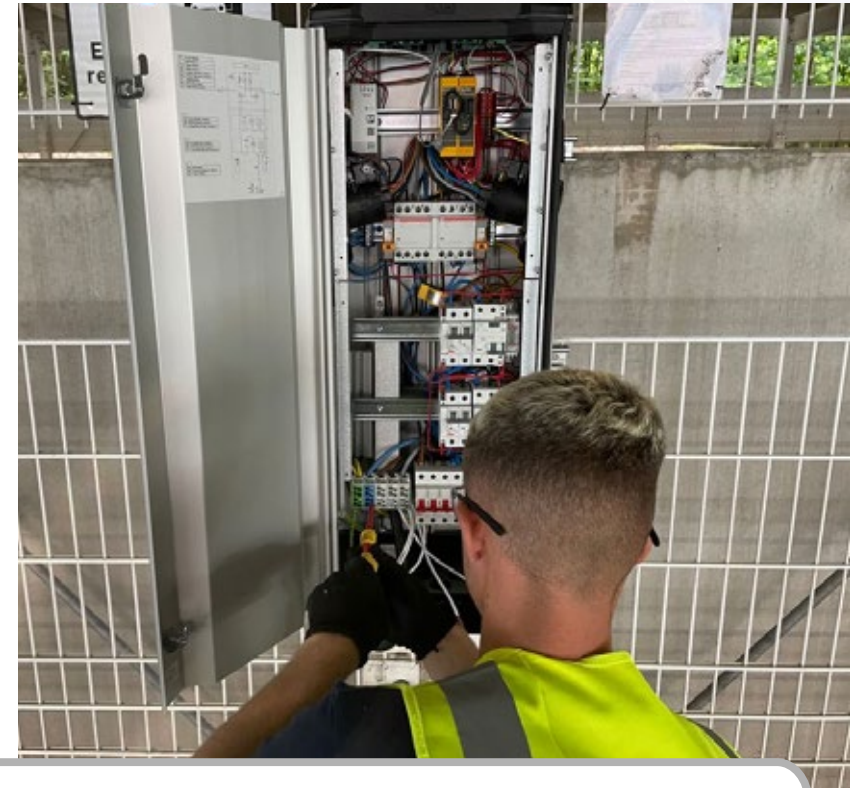
# Operationally critical EV charging solutions

ElectrAssure is one of the UK's leading electric vehicle charging companies, run by father and son team, Loyd and Alun Davies.

Established in 2004, we are a privately owned business that has consistently punched above its weight; having won contracts for clients including Volkswagen UK, Western Power Distribution, KeolisAmey, National Grid, British Car Auctions and Uber.

We are a team of highly qualified electrical engineers that specialise in providing reliable, bespoke solutions to 'operationally critical' electric vehicle charging infrastructure requirements for business...

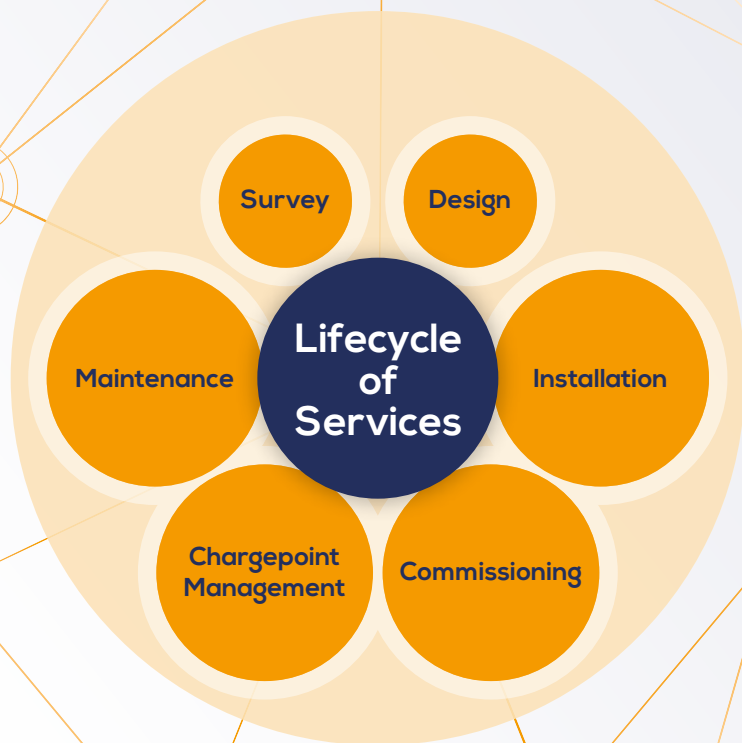
**...because we understand that downtime costs money.**



**"National Grid recognises the role of Electric Vehicles in achieving net zero by 2050 and as part of our own drive to be carbon neutral we've committed to replace a significant proportion of our commercial fleet with EVs. To do this, we'll install EV chargers across our core and operational estate. It was imperative that we appointed a supplier that could deliver the right solution from the outset, and ElectrAssure have achieved that."**

**GAVIN POSNETT, DELIVERY MANAGER,  
EVSE PROJECT, NATIONAL GRID**





## Operational Charging

When you rely on your electric vehicles to deliver for your business, the charging system you choose is business critical.



## Workplace Charging

Electric vehicle charging provided for your staff and customers. They expect you to support the move to clean transport with reliable workplace charging.



## Destination Charging

For hotels, shopping centres, and tourist attractions where vehicles stay parked for a couple of hours, you need destination charging.



## Our six-step model

1

### Survey

ElectrAssure will carry out a detailed survey of your site. We will analyse the electrical supply and the capacity available; we will test the mobile data signal; we will plot the cable routes to the EV chargers and check ground conditions for trenching and bases for the chargers.

2

### Design

Using our selected range of premium quality EV chargers, services, and components, ElectrAssure will design a charging solution that best satisfies your requirements within any constraints found during the site survey.

3

### Installation

ElectrAssure can deliver a turnkey solution including the complete electrical installation and certification, groundworks, load management and data communications.

4

### Commissioning

ElectrAssure will commission the full system; the EV chargers to ensure compliance with the manufacturers' specifications; data communication system to optimise access to the chargepoint management system; load management system to maximise the power available to the EV chargers while protecting the electrical supply.

5

### Chargepoint Management

The cloud-based Chargepoint Management System will monitor and manage the EV chargers to ensure optimum performance of the system, driver use of the chargepoints, and your access to driver and billing data.

6

### Maintenance

ElectrAssure offers a full call-fix and planned maintenance service to maximise the availability of your EV chargers.



# Support

With world leading software and engineers qualified to the highest levels, our support for you and your equipment is complete. Utilising the dashboard from our 24/7 Help Desk you are able to closely monitor and manage the performance of your EV charging system.

Should you have any queries, our team are on hand to answer your calls and emails to make sure you are happy and getting the best from your system. We provide training and advice to operators and drivers to make sure that everyone gets the best possible charging and driving experience.

The support extends to the future, where through our ongoing relationship management we are able to advise of potential upgrades to charge ever faster, and enjoy the very latest software, as soon as it becomes available. We will agree a service level with you, prior to handover, to ensure that we provide the support you need to keep your business moving.



ElectrAssure provides exceptional support for clients, from fault fixing to planned maintenance.



# Case Studies

## nationalgrid

### Developing a robust charging infrastructure for a large scale EV rollout

ElectrAssure were selected by National Grid to deliver their UK EV charging infrastructure of 1,500+ chargers across 290+ sites. The first stage of this process was to audit the existing infrastructure, rationalise it, and develop a new and improved bespoke platform that would not only cater for all of National Grid's particular needs, but would be suitably robust to enable the subsequent roll-out programme.



Here's how we did it...  
Scan or click below



## KEOLIS amey

### Rapid chargers for Docklands Light Railway support engineers' electric vans

KeolisAmey Docklands (KAD) is responsible for responding to faults on and around the Docklands Light Railway stations, tracks and depots 24 hours a day, 365 days a year. KAD engineers operate on an 8 hour shift pattern and return to the central depot in Poplar with average daily mileage of less than 100 miles. Transport for London (TfL) had instructed KAD that it should adopt low and zero emission vehicles in the London ULEZ.

Upon initial consultation, we delivered DC chargers with the ability to increase their capacity in the future.



Here's how we did it...  
Scan or click below







## Rapid and fast chargers for Volkswagen UK's ports and national PDI centre

VW AG will introduce 50 battery electric and 30 hybrid models by 2025. Around 1 in 4 VW Group vehicles sold will be electric. Volkswagen needed to reliably charge the electric vehicles passing from the ships through its ports and Pre Delivery Inspection (PDI) Centre for the UK market. The number will rise from just over 15,000 EVs in 2020 to over 79,000 in 2023.



Here's how we did it...  
Scan or click below



## High Availability EV Charging Systems - Futureproofing your fleet!

ElectrAssure's mission is to enable our clients to deliver their committed service levels after migrating to electric vehicles.

### The key is 'availability'!

High availability EV chargers ensure that your electric vehicles are available when you need them to deliver critical goods and personnel to their destination on time, and this is underpinned by ElectrAssure's industry-leading full lifecycle of services.







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