

## bp Pulse (Chargemaster) Electric Vehicle Charging Installations

United Kingdom

### PROJECT INFORMATION

Project: EV Charger installations  
 Client: bp Oil UK Ltd/bp pulse  
 Location: UK wide  
 Value: +£200k/site  
 No of sites 75+  
 Date completed: 2019/2020

### PRECONSTRUCTION ACTIONS

- Establishing of design principles
- Production and development of scope of work
- Design team resourcing and fee review
- Design coordination for feasibility plans and working drawings
- Review of design information
- Liaison with Independent Connection Providers (ICP's) reference construction coordination
- Production of preconstruction information wrt CDM 2015
- Coordination of planning drawings and responses to planners



The first high powered chargers to be installed on an existing bp UK forecourt.

The integration of Electric Vehicle Charging points onto bp fuel forecourts was without precedent when Chargemaster, now bp Pulse, was acquired and became part of bp. The challenge was to bring together the EV charging knowledge of Chargemaster with the fuel forecourt expertise of the bp retail asset team.

As part of the retail asset team, Tanya led the collaborative working groups to develop Design Principles and Scope of work for the integration of chargers onto forecourts, worked with the design teams to present practical feasibility plans for power applications, managed the timely delivery of working drawings for costing and construction purposes and liaised with the construction team in addressing on-site design developments. The communication and organization involved in these activities was key to achieving the target delivery of 50 charging units by the end of 2019 and maintaining a rolling programme into 2020.

### RESULTS

- Confidence in layout feasibility prior to power applications
- High certainty around construction cost and programme
- High quality information and practical designs for contractors
- Well thought out charger layouts and accessibility for customers

Contact Zanshin Project Services for more information -

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