

Delivering a growing portfolio of Power Upgrade and Civils projects

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RCU Solutions Co-Founder Nick Carroll brings over 17 years of industry knowledge into the business, having previously worked for a variety of Tier 1 Contractors. Nick comes from a Civils and E&P biased background and has worked on some high-profile projects including Stratford Station Olympics Upgrade Project, Thameslink K01, Multiple CP4 & CP5 E&P Power Upgrade Projects and Wessex Capacity Alliance Power Upgrade.

This expertise is key to **RCU's** growing portfolio of works to deliver Power Upgrade and Civils projects. It gives clients the reassurance that the people behind the scenes of the company actually have the practical knowledge and understand project challenges from a client's perspective.

Civil engineering and Utilities

RCU has in house capabilities to supply experienced skilled civil teams which are self-contained, complete with vans and small tools as required to carry out the job in hand. We can undertake a variety of works ranging from concrete equipment bases, hard standing areas, GRP elevated route, trackside cable routes, buried ducting, underground/road track crossings, compound fencing, brickwork repairs, access footpaths and cable pulling/dressing.

Our rail civils capabilities are bolstered with our Utilities division where we have in-house NRSWA trained operatives, tarmac gangs, grab / plant lorries, 1.5t- 3t excavators and various small plant. This means we can take on a variety of multi-discipline civils works delivering time and time again. Our utilities division is growing by the week as we secure new contracts with clients old and new. We are also playing a big part in the delivery of the roll out of the Superfast Essex FTTP programme, working for multiple Tier 1 contractors.

Keeping the network powered

With RCU Solutions' E&P expertise, we have assisted many clients in delivering various works; whether it be on the AC & DC traction power or the signalling power supplies.

Network Rail has the largest third rail network in the world, powering electric trains, and it's mostly found on tracks in the South East of England. We have been working on various TP Hut upgrades, Substation lighting schemes, SCADA works and NSCD upgrades.

RCU Solutions has played a part on several high profile E&P schemes to date including:

Reading 10 car - Buckhurst TP Hut Conversion - Electrical installation and commissioning at Buckhurst TP Hut. Conversion of TP Hut to a fully operational Substation including all control and indication wiring in HV module and then commissioning the HV module into service, installation and commissioning of the Auxiliary transformers and LVAC panel, all SCADA communication wiring and commissioning the new RTU into operational service, install Frame leakage relays and complete wiring modifications to existing 750v DC RJR circuit breakers, test and commission new substation earth system and installation of all control and indication wiring to 3MW transformer and Rectifier module.

CMSD Safer Isolations Project - Phase 2 Wessex - Providing the supply of Electrical Site Managers, Supervisors, Electricians and Electrical Mates. The works entail cable pulling, cable dressing, cable terminations; all control and indication wiring/LV cabling/ DC cabling/SCADA, building of marshalling panels and boxes.

Guildford Transformer / Rectifier Renewal - RCU undertook the LV, HV installation and Test and Commissioning works to deliver this scheme defect free for the client.

Fully equipped teams

We believe in the importance of supplying qualified staff to our clients. As a business working within this ever-evolving industry, we fully appreciate the demand for continuous training and development.

All of the staff we provide whether working on our own or clients projects are fully equipped with PPE, job specific calibrated tools and reliable vehicles to enable them to complete the planned work package.

Our staff also have 24/7 access to fully stocked stores at our HQ. Our aim is always to supply clients with a fully, self-sufficient team which constantly delivers the highest quality of installations.

To learn more about [RCU Solutions](#) and how the firm can support your project requirements, call 0203 0316511 or email info@rcusolutions.co.uk