



**ROCK**  
POWER CONNECTIONS

part of **mitie**

power & grid

End-to-end power connections,  
delivered by an independent expert.

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Assets, estates and EV charging with Rock Power Connections.

## 01 INTRODUCTION

# An end-to-end service to get you **connected**

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Rock Power Connections is a NERS (National Electricity Registration Scheme) accredited independent connections provider (ICP) that designs, builds and maintains electrical infrastructure, up to 132kv.

Whether you're a Distribution Network Operator (DNO), an Independent Distribution Network Operator (IDNO), a developer, energy consultant or charge point operator, our specialist team are ready to help you create safe, efficient, and sustainable electrical infrastructure.

Together with G2 Energy, ESM Power, and Custom Solar we make up Mitie Power & Grid. This powerful team combines deep domain knowledge, specialist experience, and a national network of leading resources and capabilities to help you reduce emissions, increase efficiency, and secure your energy supplies for a decarbonised, sustainable future.



### Safe

Zero RIDDORs in 10 years of operation.



### Accredited

Includes ISO (9001, 14,001, and 45001), NERS, NICEIC and CHAS.



### Registered

Approved through Achilles with recent audit at 100% for both site and office.



### Framework contractor

To NGED building primary substations for 8 years (accredited up to 132kv).



### Multi-skilled and qualified staff

Multi-skilled engineers capable of covering all aspects of install. Every team member carries a H&S qualification that exceeds their role requirement.



### Experience

10 years delivering ICP services to businesses nationwide.





## Powering your decarbonisation goals

We specialise in delivering high-voltage power wherever it's needed, whether your organisation is building a new asset, expanding its estate or upgrading its equipment.

Thanks to our specialised in-house team, bulk procurement strategies and strong links to network operators, we can work quickly and cost effectively on every project, with shorter lead times and fewer delays.

Our future-focused approach to electricity connections – which includes installing rapid electrical vehicle infrastructure and linking organisations to renewable energy solutions via the grid – helps our customers accelerate their decarbonisation goals.

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## WHAT WE DO

# Solid networks. Simply connected.

We offer a complete service, acting as the principal contractor for a seamless project from contracts to completion.

### Contract Set Up

Define key contacts, meetings, KPIs

### Survey & Studies

Site visit, Topo, Utils, TPOs, Earthing, G5/5, P28, G99/G100, concept layout

### Design

Full HV, LV, AC and DC design, Earthing, DNO & IDNO approval, CDM, Construction and Landscaping

### Pre-construction

Street works permits, Traffic Management, CDM

### Delivery

Security, Management of free-issued equipment

### Testing & Commissioning

Full Rock commissioning plus EV chargers

### Post Completion

Completion paperwork



## Major projects

Focussed on primary substations, renewable energy sources and large-scale electric vehicle (EV) infrastructure, we provide connections up to 132kV.

With our end-to-end project management approach, we provide full design and build solutions, delivered directly by our team of in-house engineers, including:

- Handling full construction design and management (CDM) and principal contractor duties
- Constructing and installing primary substations, switchgear and other apparatus
- Installing and containing cabling and earthing systems
- Wiring panels, terminals and control systems
- Installing remote telemetry units

Once your new assets are in place, we'll coordinate with the distribution network operator to confirm adoption. If you choose to work with an IDNO\*, we can even help you realise the value of your new assets, with funding to reduce your capital investment.

We're also part of the National Grid Electricity Distribution framework, with more than 150 primary substation projects completed so far.

\*IDNO (Independent Distribution Network Operators)

## New connections and electrical supply upgrades

Specialists in designing and installing electricity supplies, we have the technical expertise you need – whether it's a change of use of a building or a brand-new development.

As well as providing all the infrastructure for new connections, we'll work with you to upgrade your existing infrastructure if your current connections don't provide the power, reach or efficiency you're looking for.

Your network may benefit from an upgrade or additional equipment to bring it up to standard. We can identify and design a solution that works with your existing infrastructure to make sure it operates at its best and extends the life of your assets.

Whether it's providing new connections to an expansion or replacing insufficient infrastructure in one of your existing properties, we'll design, source, install and certify your upgrade.

## Electric vehicle infrastructure

Electric vehicles represent the future of fleets for many organisations, which means sites across the country need to be upgraded to support the growing demand of the charging infrastructure.

We'll work with you to scope, source and install the connections and equipment needed for charging and on-site power generation if required. To make sure your electrical infrastructure aligns with your sustainability goals.

That can include high-voltage connections, packaged substations, ultra-rapid charging hubs and supervisory control and data acquisition (SCADA) communications.



## Transformer replacement

The average age of a transformer in the UK is over 60 years old – if your organisation is still relying on switchgear that has been in place for decades, it will be impacting your bottom line and overall efficiency.

Aged switchgear carries several risks, including increased downtime, safety concerns, obsolete components and regulatory non-compliance. With higher maintenance costs and reduced reliability, they also tend to be less energy efficient.

Our team of experts will calculate the potential energy, carbon and cost savings from an upgrade to support your business case. We'll help you find the right model for your site, and access any available grants and funding to reduce your capital investment. And once everything's in place, we'll install your new transformer with minimal disruption and decommission your old equipment.

# Connecting commercial and industrial customers all over the country

Rock Power Connections supports clients in many different sectors, including:

Healthcare | Industry & Manufacturing | Retail | Utilities

Here are a few highlights from our expansive client base:

## Connecting diverse business units

At Glenmore Business Park in Bedford, we connected 23 separate business units, including light industrial warehouses.

We constructed the substation plinth and installed a dedicated 800kVA packaged substation alongside a low-voltage network, with each unit having its own three-phase cut out.

Working with an IDNO partner, we also facilitated a significant asset adoption payment.

## Upgrading an end-of-life transformer

In Coventry, we collaborated with the National Grid to deliver a full turnkey replacement for the Millboard timber factory, working overnight to minimise operational disruption.

As well as installing a 2MVA standalone transformer, we also upgraded the substation's low-voltage cables and panels and carried out all the civil works necessary, which included plinths, trenches and internal pits.

## Powering an iconic apartment development

An icon in Basingstoke's skyline, we supported the redevelopment of the old regional Barclays headquarters, which is now a 15-storey apartment building with 290 individual flats.

We designed and installed the low-voltage network, which included an IMVA package substation within the building fabric that's connected to individually metered supplies for each apartment.

## Future-proofing the road network

We're supporting the expansion of the nationwide electric charging network by implementing turnkey solutions throughout the UK's motorway.

This includes installing chargers at new EV hubs at a variety of Moto and Roadchef services, and other out-of-town locations such as garden centres.





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## Let's get you connected

Reach out today to see how our connection capabilities and turnkey project approach can help your organisation establish efficient, sustainable and future-proof electrical networks.

**Rock Power Connections**  
18 Buntsford Park Road  
Aston Fields  
Bromsgrove  
Worcestershire  
B60 3DX

[rockpowerconnections.co.uk](http://rockpowerconnections.co.uk) | [emma@rockpowerconnections.co.uk](mailto:emma@rockpowerconnections.co.uk) | 01905 456 384