



ROCK
POWER CONNECTIONS

A MITIE COMPANY

ELECTRICAL AND POWER SERVICES

BRINGING HIGH-VOLTAGE POWER TO THE
PLACES IT'S NEEDED

Rock Power Connections are a licenced and fully accredited Independent Connections Provider (ICP). We design and build the electrical infrastructure that delivers high-voltage power to our customers, wherever they need it, supporting businesses with the rise in electrical demand as they move to decarbonise their operations.



KEY TO ELECTRICAL TERMINOLOGY	
ICP	Independent Connections Provider
DNO	District Network Operator
IDNO	Independent District Network Operator
BNO	Building Network Operator
HV / LV	High Voltage / Low Voltage
Asset Value	Fee paid by IDNO to adopt asset
EV	Electric Vehicle

Simply put, our team of expert electrical engineers install the substations and cables required to connect your buildings to the electricity distribution network. Registered with the National Electricity Registration Scheme (NERS) we provide new and upgraded electricity supplies to businesses, industrial, commercial and renewable generation sites across the UK.

We're on a mission to decarbonise built Britain, supporting the rapid expansion of EV charging infrastructure and onsite power generation.

Our specialist team offers four key services that support our customers through business expansion. These deliver the critical electrical infrastructure needed to cope with the increase in electrification, as we move towards decarbonising operations.



NEW ELECTRICAL CONNECTIONS

Power for a new building or development

New electrical supply for additional on-site processes



UPGRADE OF ELECTRICAL SUPPLY

Additional power due to business expansion

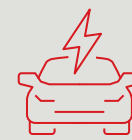
To upgrade a property with insufficient infrastructure



TRANSFORMER REPLACEMENT

To extend an existing private high-voltage network

Replacement of old switchgear

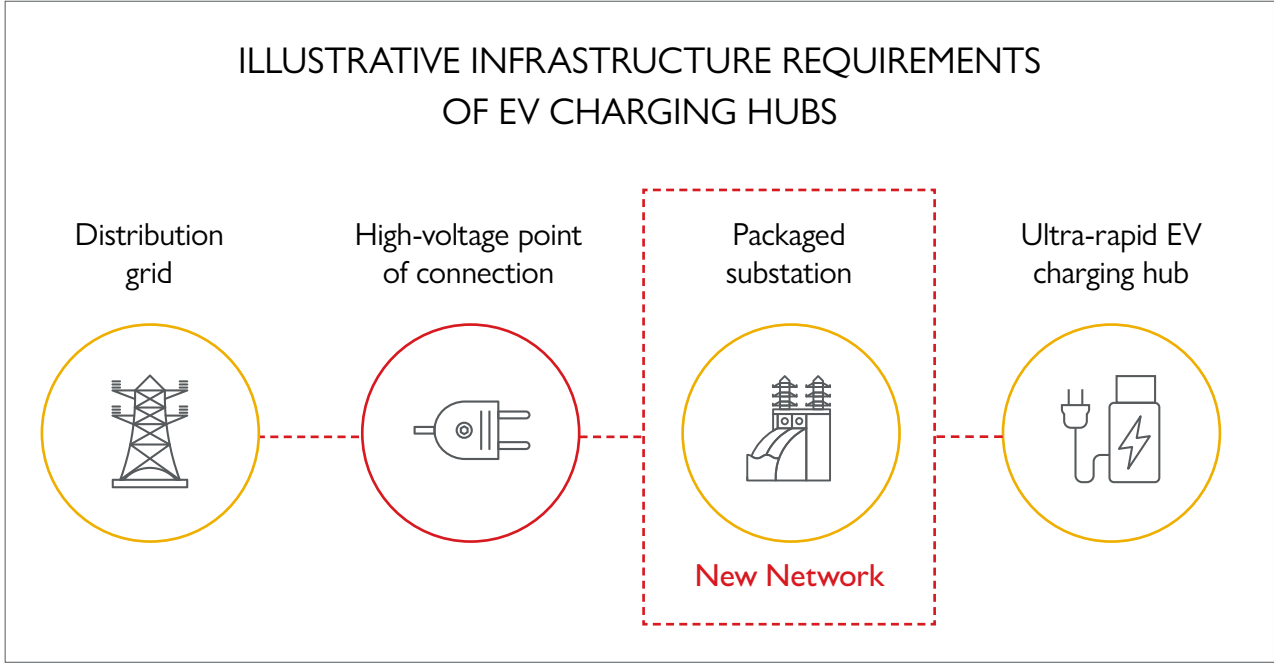


EV CHARGING INFRASTRUCTURE

New power connection, high-voltage substation, low-voltage network

DC and AC chargers for charging hubs

When installing a new point of connection and associated high-voltage infrastructure, an ICP will liaise with either the DNO or an IDNO to adopt the network. The DNO or IDNO owns and operates the network for its lifetime.



Our team can liaise with a suitable IDNO to adopt the asset. The IDNO will offer an asset value in return, allowing monetisation of the network installation.

OPTIONS AVAILABLE WHEN INSTALLING A NEW CONNECTION

- 1
 - DNO adopts the network
 - No fee paid to the client
- 2
 - IDNO or DNO adopts the network
 - Rock works with all IDNOs and can find most suitable for each project
 - IDNO will recognise an 'asset value' to us
 - We will pass benefit to our clients to reduce capital investment of project



Here are examples of how customers use our services to support their business expansion:

EV CHARGING INFRASTRUCTURE



Electric Highway, Nationwide

Rock is currently supporting the expansion of the electric charging network by performing turnkey solutions across the UK motorway network.

This includes new EV hubs at Rugby and Cardiff Moto services. The team is now contracted to upgrade chargers at 47 sites across the electric highway as well as additional rapid charging hubs.

BUILDING NETWORK OPERATOR



The Kettleworks, Birmingham

The Kettleworks is a residential development in Birmingham's Jewellery Quarter, involving the conversion of the Swan Kettle factory. In total there are 292 apartments, each requiring an individually metered supply.

The team installed two 1MVA substations within the development and the internal network, consisting of 15 Multi Service Distribution Boards (MSDBs) and 292 single phase supplies. In addition, a separate three-phase supply was provided for a commercial unit.

NEW HIGH-VOLTAGE CONNECTION



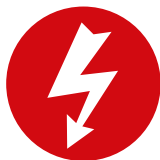
Ruabon Park, Wrexham

A new ALDI store development required an electrical connection to supply the foodstore, a petrol station and a Costa coffee outlet.

The team worked closely with the DNO to coordinate the final energisation date.

A High Voltage (HV) point of connection was granted, requiring a 500kVA packaged substation and a substantial Low Voltage (LV) network to each of the units.





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