



PRIVATE NETWORK SERVICES

A leading provider of power infrastructure

Providing private network owners with



PRIVATE NETWORK SERVICES

Whatever your needs we can provide the complete power distribution package. Utilising our specialist resources, we aim to deliver the very best in electrical solutions. Our vast experience in the construction, operation and maintenance of power distribution systems, coupled with the knowledge gained from listening to our customers, has placed IUS at the forefront of power distribution engineering.

We are dedicated to delivering your power solutions from design, supply, construction and installation, through to the testing and commissioning of electrical distribution systems from 415V to 66kV.

These can be new installations, replacement of assets or refurbishment of existing systems for the following:

- » Substations and associated buildings
- » HV and LV switchgear
- » Transformers (including low loss)
- » Protection and control systems
- » Cables, joints and terminations
- » Cable containment systems including excavation and reinstatement of trenches

High Voltage Customer Service (HVCS) offer comprehensive asset management solutions for systems up to 66kV. These include operation and maintenance agreements and maintenance only agreements. Both are supported by a 24/7 emergency call-out service.

FEASIBILITY & DESIGN

We are a turnkey contractor with the capability to survey and design all aspects of substation and feeder route activity, to deliver an optimum solution. Our documented design management process defines quality system requirements and establishes and maintains a consistent approach to the design of electrical networks.

This ensures suitably qualified and experienced staff are engaged on the design, prevailing standards are adhered to and finalised designs are checked and approved before release.

Our procedure defines responsibilities and routines, which will be applied to your contract specific designs.

PROCUREMENT & CONSTRUCTION

With an approved design in place, we can meet all your electrical construction needs, with the ability to competitively procure high voltage switchgear, transformers, cables and all ancillary items required within a substation.

Our policy establishes the standards to ensure that all procurement activities are carried out professionally, ethically and in compliance with all laws and legislative requirements. The policy also takes into consideration our commitment to safety, the environment and the principle of total quality.

In advance of the site works, we will produce the necessary site specific documentation to meet your construction requirements. Collated via our dedicated Project Manager, this will include method statements, risk assessments, HSQE plans, delivery programmes as well as reporting templates.

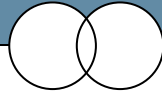
The on-site works will be installed with Quality Assurance applied throughout the delivery phase.

SAFE SYSTEMS OF WORK

Throughout our electrical network construction and maintenance activities, control of electrical safety is a vital part of the services IUS provide.

Our in-house Electrical Engineers (SAP's) have extensive experience of operating High Voltage networks including; High Voltage switching, issuing and cancelling of safety documentation, testing and commissioning, system automation and protection equipment.

Our Electrical Safety Rules and Electrical Safety Management procedures will be applied to all work undertaken on your private network giving you the confidence that the work is performed in line with all legal requirements and industry best practice.



OPERATION & MAINTENANCE

We provide operation and maintenance services to more than 1,300 contracted customers, assisting in prolonging the life of their equipment and to comply with current legislation. Under an operation and maintenance agreement, we will provide authorised personnel and implementation of our safe systems of work in order to help network owners meet their legal obligations. The agreements include:

- » 24/7 emergency call-out service
- » Regular substation and plant inspections
- » Programmed maintenance
- » Updating and maintaining records
- » Recommendations to rectify defects following inspection, maintenance visits, or failure
- » Recommendations following NEDeRS (DIN/SOP) notification

We can also provide added value services associated with power system protection studies, generator connections, harmonic surveys, power factor correction, partial discharge testing and transformer oil analysis.

As your appointed Operation and Maintenance contractor IUS will provide the HV authorised personnel for planned works as well as fault diagnosis and emergency repair.

Our aim is to engage collaboratively with your organisation to satisfy all current legislation including the HSG230 requirement to keep electrical switchgear safe. This will assist in allowing staff to work safely and maximise your HV asset life cycle.

CONTESTABLE CONNECTIONS WORK

If you are considering a new DNO supply or increased capacity connection to your site, IUS has the necessary accreditation to operate as an Independent Connections Provider (ICP) under the National Electricity Registration Scheme (NERS). This allows IUS to extend the DNO's network to provide the new electrical connection. We can provide you with a complete service from recommendation, feasibility, design and build through to hand back to the local Distribution Network Operator.

Benefits include:

- » The opportunity to receive a competitive quotation to carry out the electrical connection, which can be compared to the DNO offer for capital efficiency savings
- » Completion of the private network installation work and the contestable connection at the same time, giving a single point of contact for the work
- » Potential for programme improvements
- » Common documentation control



Providing expert advice and power solutions

WHO WE ARE

We are a subsidiary of Northern Powergrid Holdings Company, which is a wholly owned subsidiary of Berkshire Hathaway Energy; a leader in the supply and distribution of energy in the UK and US consumer markets.



- » Revenues: \$12.6 billion » Assets: \$70 billion
- » Customers: 8.4 million electric and natural gas worldwide
- » Natural Gas Pipeline: 16,400 miles » Employees: 19,700 worldwide



IUS are Part of the Northern Powergrid Holdings Company

- » Customers: 3.9 million » Employees: 2,500
- » Network: 31,000 substations » 18,000 miles of overhead lines
- » 40,000 miles of underground cable



WHAT WE DO

We are a specialised contractor that offers a wide range of services to a number of key market sectors throughout the UK and overseas including:

- » Electrical connections
- » Private network services
 - High Voltage installation works
 - Operation & maintenance agreements
- » Multi Utility connections
- » Utility network service provider
- » Emergency response 24/7/365

SECTORS WE WORK IN

We carry out a range of services for public and private electrical distribution systems such as Distribution Network Operators, the Independent Connections market, the Multi Utility housing market, Water and Health authorities, Government institutions, as well as Education establishments, Pharmaceutical, Chemical, Manufacturing, Retail and Construction industries.

OUR COMMITMENT TO HEALTH, SAFETY, QUALITY & ENVIRONMENT

We have a full-time dedicated HSQE team responsible for the management and implementation of legislation and policy throughout our contracts. Our management systems, safety excellence and delivery capability have enabled us to attain the following international standards, accreditations and awards.

- » OHSAS 18001: 2007 Occupational Health and Safety Management Systems
- » ISO 14001: 2015 Environmental Management Systems
- » ISO9001: 2015 Quality Management Systems
- » National Electricity Registration Scheme (NERS) accreditation to carry out contestable connections works for DNO's
- » Gas Industry Registration Scheme (GIRS)
- » Water Industry Registration Scheme (WIRS)
- » RoSPA Order of Distinction
- » Utilities Vendor Database (UVDB verify)



HOW TO CONTACT US

» call: 0800 073 73 73 » email: enquiries@ius.co.uk » web: www.ius.co.uk »