

**CLIENT****Northern PowerGrid (NPg)****PROJECT****Multiple Frameworks****LOCATION****North East and Yorkshire****SERVICES PROVIDED**

- Overhead line construction
- LV overhead line shrouding
- Overhead line inspections and remedials
- Overhead line maintenance
- Substation automation
- Ground mounted HV maintenance

OVERVIEW

IUS currently delivers an extensive portfolio of frameworks for Northern Powergrid (NPg). These encompass both overhead line (OHL) and ground-mounted (GM) works. Over a considerable number of years, IUS has been consistently achieving exemplary customer satisfaction by delivering a safe, compliant and quality service. The customer satisfaction achieved is not only with the client but also the millions of customers connected to the NPg network.

DESCRIPTION

IUS delivers extensive low voltage (LV) OHL rebuild and refurbishment works, replacing NPg's open wire network with Aerial Bundled Conductor (ABC) and changing rotten and defective poles where required. IUS also delivers LV OHL shrouding works for NPg, where protective shrouding is placed over exposed LV conductors to allow customers to have building and construction works completed in close proximity to the LV network. IUS exclusively delivers these works for NPg, managing the end-to-end process to strict customer service and guaranteed standard guidelines. In addition to these two core overhead line frameworks, IUS also delivers OHL inspection and remedial works for NPg, ensuring that their high-risk sites meet the necessary ESQCR standards required. IUS also delivers OHL earth tests and earth mat replacement works.

IUS is the sole deliverer of GM Automation Works. On this framework, IUS installs actuators and Remote Telecontrol Units (RTUs) into existing NPg secondary substations. Once commissioned, these sites become automated, meaning that NPg's Network Control Center can operate their switchgear remotely, improving restoration and response times for their customers in the event of network faults or damages. In addition, IUS also delivers GM HV substation maintenance and Fault Path Indicator (FPI) replacement works for NPg. Delivering this service ensures that their HV network is kept up to standard and will operate as necessary when worked upon or in the event of a fault or damage.

To deliver the above frameworks, IUS has an extensive direct team of Project Managers, Project Coordinators, Planners, Supervisors, SAPs, APs, Fitters, Linesmen and Jointers. All of these staff are fully authorised to work and operate on NPg's LV and HV overhead and underground electrical networks. They are all centrally managed, which assists with a consistent approach including efficient programming.