

# CAPABILITY STATEMENT OVERHEAD LINE DESIGN



## OUR CHALLENGE

Changing trends in electricity generation and an increase in competition have become a challenge for electricity companies.

The impact of such changes requires skill and resource levels to be maintained to fulfil the ever-increasing diversity of work and accelerated delivery programme.

Our client's success and profitability is dependent on efficiency and expertise. Our team of experts can support you by delivering cost-effective, high quality and safe solutions for your projects.

## OUR EXPERIENCE

LSTC was founded in 1954 to resource the growing overhead line surveying and design requirements at that time.

Since 2001, the company in its present form has grown significantly with a comprehensive team of engineers and specialists who are highly qualified and experienced.

We deliver optimum engineered solutions and cost-effective strategies, that will produce long-term security to your networks.

## OUR SERVICES

Our teams of engineers and CAD technicians have a proven track record globally in bespoke design of overhead line infrastructure, including steel tower, steel pole, and wood pole structures; conductor and earth wire systems in conjunction with their associated insulator and fittings; and foundation and earthing design.

Our team of experts has executed work for all the leading electricity and energy companies, contractor delivery organisations and other leading consultants.

This is due to our engineers and specialist consultants being knowledgeable of the latest industry standards and specifications, as well as the latest British Standard Euro Norms and UK Statutory Legislation.

Safety is also an important consideration during the design phase. Our team of engineers has been trained in CDM, IOSH, and other safety related standards.



In addition, many of our engineers and drawing staff are experienced in the use of the latest computer aided design software such as PLS-TOWER, PLS-POLE, PLS-CADD and Optimal profiling design packages, STADD Pro, PROKON, SolidEdge, MicroStation and AutoCAD.

## WHAT WE DELIVER

- Concept / Detailed designs, including fabrication drawings
- Experience using a wide range of standards and procedures for clients globally
- Verification of software outputs using independent calculations
- Flexible approach to design delivery, with a high degree of accuracy and competency
- Support by our in-house engineering teams across the UK

## OUR COMMITMENT

Our international, dedicated, enthusiastic and expert OHL design team remains committed to supporting you by continuing to offer new technologies and innovations to provide world class, cost-effective OHL network designs.