

Role title	Lead Grid & Primary Design Engineer
Section	ENWCML
Directorate	Construction & Maintenance

Got what it takes to develop customer projects into detailed design packs that can be delivered under current conditions, policies, and standards? We are on the lookout for an **Lead Grid & Primary Design Engineer** ! Sound good? We'd love to chat!

At #ENWCML, we are committed to creating a sense of belonging for our colleagues. We are an organisation that cares about your work-life balance and puts family and well-being first. We want our people to have rewarding careers, bringing their whole selves to work and giving 100%. We are a tight team who work well together and celebrate together, working hard with integrity and we treat people with respect, supporting each other and embracing diversity to create a culture of inclusion and belonging.

We are a growing and friendly team offering super benefits for the right candidate which include free parking and agile working following successful probation. Our main Offices are in Blackburn but we cover the North West

To enable us to fully deliver our projects we are looking for an innovative and passionate Grid & Primary Design Engineer to work Client side on projects from initial concept and feasibility through to procurement specification, construction and commissioning.

Are you a skilled Design Engineer looking for an exciting new opportunity? We are looking for a talented professional to join our team, working on critical grid and primary substation projects on private Networks with our customers.

Qualifications and Experience:

Essential Experience:

- **Education:** HNC (Higher National Certificate) or equivalent
 - Applicants should hold a full UK driving licence and willing to travel where required
 - Expertise in primary substation design (11kV to 132 kV including plant specification) in a lead role
 - Awareness and understanding of Power Transformer Design and procurement.
 - Production and sign off of technical specifications for all plant and equipment used on ENW CML projects
 - Experienced with electrical engineering design and practices and have good knowledge of the electricity distribution business in a lead role
 - Experience of CDM regulations relating to utility projects
 - Experience in planning, design and commissioning of 132kV substation projects and 132kV private customer connections
 - Competency in specifying, assisting in procurement, and approving pre-manufacturing drawings
 - Ability to design and draw block cable diagrams, set files, and key line diagrams
 - Working knowledge and experience of Etap and DigSilent (or similar software)
 - Autocad competency
 - To have (or ability to obtain) Sub Station Access Authorisation

Desirable



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"We take pride in all we do because it matters to people's lives".

- o ideally Chartered Engineer or working towards Chartered status or hold a Level 3 City & Guilds 2339 (or equivalent qualification deemed to be at the same level) in order to apply

Key Responsibilities:

- To manage, and oversee, all aspects of design (from outline to detail) during the project life including, but not limited to, design, planning, approval, construction, commissioning and final handover.
- 33kV and upto 132kV design and development of Grid and Primary substations
- Approve pre-manufacturing drawings and ensure compliance with specifications
- Sign off/authorise protection studies and ensure systems are secure and reliable
- Sign off/authorise design of block cable diagrams, set files, and key line diagrams
- Working closely with the Project Manager, Construction Managers (and Engineers) and Design Team to ensure that all 132/33kV projects achieve the programme objectives of time, cost and quality, at each key milestone stage, to meet requirements of the agreed programme.
- To ensure business processes and systems are aligned to obtain maximum performance, and that all projects / are managed on appropriate Company systems.
- Must establish and maintain a flexible and adaptable approach to change, being able to respond rapidly and develop creative solutions.
- Responsible for the providing accurate information for the range of projects under their control
- Develop project designs within agreed dates.
- Manage project designs within agreed budgets and programmes.
- Willingness to travel and participate in site meetings throughout the UK when necessary
- Liaise, manage and approve 3rd party design resource inputs into projects

Behaviours

Behavioural Competency

Thinking - Forward thinking - You can take a forward-looking perspective when considering the delivery of decisions, activities and projects.

Thinking - Customer understanding - You have a thorough understanding of the needs of internal/external customers and you use this understanding to promote excellent customer service to maximise business.

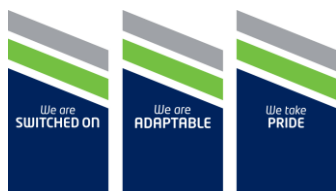
Thinking - Analytical Thinking - You can analyse problems and identify key issues that need actions, assessing the situation in a systematic way, considering time sequences, priorities and you are able to draw logical conclusions from the data.

Achieving - Results focus - You set objectives for yourself and others and ensure they are achieved within agreed parameters which in turn delivers successful business outcomes.

Achieving – Initiative - You anticipate situations and problems, finding appropriate solutions and grasping opportunities. You take action that potentially adds value to the business and represents your contribution distinctively.

Self-Managing – Tenacity - You are able to demonstrate repeated effort and resilience when overcoming a number of obstacles to achieve results, showing a positive attitude despite setbacks.

Self Managing – Independence - You are prepared to raise issues in the face of opposition. You are able to stand up for your own ideas, not give in to group pressure and challenge more senior colleagues.



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Key measures (*Performance Indicators*)

- Develop project designs within agreed dates.
- Manage project designs within agreed budgets and programmes.
- Provide information that is used in Value of Work forecasts for portfolio of projects to required timescales and accuracy.

Dimensions of the role

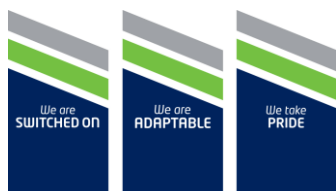
Number of Colleagues who directly report to role holder	0
Total number in team, including any colleagues who report managers that come under the role	15
Budget: Will have responsibility for the design aspects of a portfolio of projects to the value of £1 -£5m/year with awareness of commercial and financial limits; but reports directly to the Design Manager/Design Lead	

Key relationships (*Internal & External*)

Operating effectively as part of the Infrastructure & Energy Projects team the post holder will forge strong working relationships with other team members within ENW C&M Ltd. and Client organisations.

On a day-to-day basis, the post holder will liaise with:

- Line Management
- Internal customers, particularly about updates on Project programmes, performance measures and budget forecasts.
- External customers and organisations.



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