



Electrical Engineer Low Voltage Systems

TenneT is growing fast to realize its strategic ambitions. We play a leading role in driving the energy transition. We are looking for a passionate Electrical Engineer Low Voltage Systems at our location in Arnhem who will contribute to this and that might be you!

Your contribution to TenneT

The business unit Large Projects Offshore Netherlands (LON) connects, via innovative HVDC (high voltage direct current) platforms and converter stations, windfarms at the Northsea to the grid on the mainland. An enormous amount of renewable energy has to be connected within the next 10 years. Not only connections to the grid near the coast, but even deeper inland grid connection systems will be planned.

Your contribution to TenneT

You will support our 2GW HVDC grid expansion program with your technical expertise. In different regions in the Netherlands multiple 2GW grid connection systems will be build, together with our consortia.

Your main tasks and responsibilities are:

- Review all design deliverables from the Stations contractor for your discipline.
- Check compliance of the design with TenneT's requirements in accordance with the Systems Engineering methodology.
- Together with the Sub Projectlead LV Electrical, manage the EPCI contractor towards a successful completion of the design and execution.
- Witness testing of your packages at the vendor's premisses.
- Optionally – be involved in the commissioning and testing activities on the construction site.
- Align with internal stakeholders on design topics (e.g. Asset Management, Grid Field Operations, HSE department) for your scope.
- Support a successful implementation of Safety by Design.
- Support a successful implementation of systems engineering.
- Ensure the 2GW standard design is adhered to and implemented correctly.
- Align with experts and teams within Offshore NL/GER and various other departments within TenneT and take into account lessons learned from other large projects.

With your extensive technical knowledge and experience, you make an active contribution to a safe working environment for yourself, your colleagues and external contractors.

Your profile and background

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- Electrical engineering background or equivalent (BSc. degree or higher).

Additional information

Job interviews for this position will be partial in English and Dutch. Please send us your application document in English.

- Salary for this position is in grade 9, between € 4.675,- and € 9.196,- gross based on experience and a fulltime position
- The weekly working time is 40 hours
- Type of contract is indefinite
- 43 vacation days
- Additional benefits such as: health insurance, internet and sport compensation
- Work hybrid, we stimulate a healthy work-life balance

If you're ready to shape the future of energy with your technical expertise, join us in driving the energy transition at TenneT TSO. Apply now and be a part of our dynamic and impactful team.

Our offer



We are family friendly and flexible



Health - your basis



Modern working environment



Attractive remuneration and social benefits



Personal development

Our recruiting process

In our online-application-form you can apply within only some minutes as long as this job is posted. Afterwards we screen your application and get back to you as soon as possible.

For further questions regarding the recruiting process please contact:

Edward Verkammen

Recruiter - People | Talent Acquisition

Edward.Verkammen@tennet.eu

06 - 4297 2559

For questions relating to the position:

Pim Freij

Head Engineering Services - Hiring Manager

- 5 years+ experience with design, installation, testing and commissioning of low voltage systems
- You are meticulous in your reviews, while not losing the bigger picture.
- You have experience with offshore oil & gas or offshore wind platforms.
- You have knowledge of the relevant norms and standards.
- You have excellent communication and cooperation skills.
- You have a high degree of independence, initiative and assertiveness; no 'nine to five-mentality'.
- Occupational medical suitability for offshore assignments according to the AWMF standard
- You are willing to travel on occasionally abroad to the location of the designer in the United Emirates (Sharjah) or to the manufacturing locations of the low voltage equipment and optionally later to the fabrication yard(s) located in South East Asia or elsewhere.
- You are fluent in English, both verbally and in writing.
- Speaking Dutch is an advantage, but not mandatory.

This will be our challenge

Large Projects Offshore is a key contributor to the energy transition. The Unit is responsible for the current and future development of the offshore grid as a whole and subsequently for the development and realization of the DC interconnectors and the Offshore Wind Farm grid connections in both the German and Dutch sectors of the North Sea.

AI and more about TenneT

Since we use AI as part of our recruiting process, we would like to create transparency and clarity at this point. The AI serves exclusively as a supporting and recommending tool to make our processes even faster and more efficient. At no time are automated decisions made.

TenneT is a leading European grid operator. We are committed to providing a secure and reliable supply of electricity 24 hours a day, 365 days a year, while helping to drive the energy transition in our pursuit of a brighter energy future – more sustainable, reliable and affordable than ever before. In our role as the first cross-border Transmission System Operator (TSO) we design, build, maintain and operate over 25,000 kilometres of high-voltage electricity grid in the Netherlands and large parts of Germany, and facilitate the European energy market through our 17 interconnectors to neighbouring countries. We are one of the largest investors in national and international onshore and offshore electricity grids, with a turnover of EUR 9.2 billion and a total asset value of EUR 45 billion. Every day our 8,300 employees take ownership, show courage and make and maintain connections to ensure that the supply and demand of electricity is balanced for over 43 million people.

Lighting the way ahead together

<https://careers.tennet.eu/careers/JobDetail/90675>