



EMC Strategist

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 **EMC Strategist** at our location in **Arnhem** who will contribute to this and that might be you?

Your contribution to Tennet

Energy System Planning (ESP) is a future-oriented unit, optimized to react to fast-changing external conditions. We develop a robust vision for a climate-neutral energy system of the future and how our onshore/offshore electricity system can adapt to these challenges in the smartest way.

Our high voltage infrastructure can potentially electromagnetically interfere with infrastructures of several groups of external stakeholders owning large and small systems, mostly at power frequency. At ESP we are responsible for the generic policies and standards on how we treat the topic of EMC together with our stakeholders such as ProRail, Gasunie, and other pipeline and cable operators. We develop and apply screening methods and criteria to assess infrastructure projects for potential EMC issues and advise projects during execution on studies and the definition of measures.

Your tasks and responsibilities:

- Development and expansion of the know-how on relevant topics e.g. of the standards and their interpretation applicable to EMC and Power Quality, such as NEN3654 and RLN00398;
- Monitoring and operationalization of technical and relevant regulatory developments and standards;
- Intensive exchange with relevant stakeholders and the associated organizations;
- Collaboration and steering of engineering companies to perform studies;
- Preparation of policy documents and motivation of decisions;
- Support projects with advices for mitigating actions/project initiation;
- Perform and/or assessment of EMC and EMF studies for high- and extra-high-voltage infrastructure;
- Screen new infrastructure and non-infrastructure projects for potential EMC issues and advise on follow-up actions.

Your profile and background

- Master or PhD in Electrical Engineering is required;
- A minimum of 5 years' relevant engineering experience in a practical environment on the topics mentioned;
- Understanding of the electrical properties of connected systems and their interaction with other electrical systems
- Proven experience with required calculations in ATP, EMTP, PSCAD, Power Factory, and/or other simulation tools on these

Additional information

- The weekly working time is 40 hours;
- The position is indefinite;
- Job interviews for this position will be (partly) in English. Please send us your application document in English as well, included a motivation letter.

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. Our selection process consists of two interviews and an assessment.

For further questions regarding the recruiting process please contact:

Anne Prins Hooijmans

People | Talent Acquisition

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For questions relating to the position please contact the hiring manager:

Roald de Graaff | Lead ESP-GP-EHV

Roald.de.Graaff@tennet.eu

- topics;
- Creative in finding solutions based on understanding and experience.
- Having a critical eye on input, ability to challenge team members and stakeholders;
- Excellent knowledge of the Dutch and English language.

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/86880>