



Policy Advisor- Development of the future power system

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 **Expert for development Power System** at our location **Arnhem** who will contribute to this and that might be you?

Job Vacancy Information:

The application deadline for this vacancy is February 16, 2025. If there are not enough suitable applications, the vacancy may be reopened. Please note: applications can only be submitted through the website, not via email.

Feedback:

Applicants will receive feedback on their application between February 19th and 21st.

Questions?

If you have any questions about the vacancy, please contact the hiring manager by email.

Your contribution to TenneT

The electrical power system is in the middle of a transition that is significantly increasing the complexity of system operations. This change is driven by political, regulatory, environmental and technological background. Therefore System Operations needs to be prepared for the challenges ahead by identifying future needs for innovations, developing ingenious concepts and knowledge to ensure TenneT is prepared to also operate the future power system with the same level of reliability and security, as we have today!

In the department of System Operation you contribute directly to these challenges by identifying the future needs and taking initiative for necessary developments as well as contributing to the challenges of today. You promote innovation and propose improvements for system operations in close collaboration with many internal and external as well as national and international stakeholders.

- The aforementioned changes create new operational requirements. You will **propose adaptations to existing operational processes and develop future operational concepts** that help to ensure the reliability and stability of the power system. This will involve analysing future energy scenarios and their impact on the grid, exploring new technological opportunities and designing solutions that fit the business. You will contribute to development of these as part of our **Control room of the Future Programme (CROF)**
- Integration of the offshore system into the existing onshore grid will require innovative control and protection schemes as well as evolution of operational policies/processes and ancillary services. You will participate and contribute to defining the best operational methodologies to ensure maximum flexibility needed in real time operation to efficiently utilise both existing and emerging grid technologies
- You will participate in **national and international working groups** to bring these important aspects of future system operation forward and to propose relevant and innovative solutions in collaboration with relevant technical partners

Additional information

- Location: Arnhem
- The weekly working time is 40 hours
- Type of contract is indefinite
- Salary scale 9, €4675 - €9196
- Job interviews for this position will be (partly) in English.

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. Screening is part of the process.

For further questions regarding the recruiting process please contact:

Shannon Martina (available February 17th)

People | Corporate Recruiter

+31 (6) 418 652 58

For questions relating to the position:

Paul Pottuijt

Head System Operations

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Our offer



We are family
friendly and
flexible



Health -
your basis



Modern
working
environment



Attractive
remuneration
and social
benefits



Personal
development

Our recruiting process

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- You will **accompany, supervise and contribute to research studies** that will help the CROF programme turn new innovative ideas and technologies into viable proof-of-concepts

Your profile and background

We are looking for someone who has successfully completed their academic studies in electrical or power system engineering and possesses strong verbal and written skills in English. You must be passionate about innovation and eager to explore new ways of working. With a sharp eye for cutting-edge technology, you have the ability to seamlessly connect various areas of technology.

- You have knowledge of processes in system operation (planning and close to real time). Multiple years of experience in working for a transmission system operator in the field of system operation, system development is highly welcomed;
- You are open minded, like to work with engaged people, have a good sense of humour and you get your energy out of complex concept developments. You bring a positive attitude towards working in an international team with different nationalities is of importance, connection is key for you to succeed;
- You have the ambition to learn and develop yourself and drive the energy transition together with your colleagues;

This will be our challenge

System Operations secures the reliability by continuity of transport services, system services and market facilitation 24/7. Our reliability ranks among the highest in the world. This can only be sustained if we are a well-designed process driven unit. Process management, development and continuous improvement of processes and systems is therefore relevant.

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/92737>