



Policy Advisor (System Resilience)

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 **Policy Advisor** at our location **Arnhem** who will contribute to this and that might be you?

Please respond before the deadline; the vacancy closes on March 12, 2025. If there are not enough suitable applications, the vacancy may be reopened. If you can't apply via the website, this means the vacancy is temporarily closed. Important: Applications can only be submitted via the website, not by email.

Feedback:

Applicants will receive an update on their application no later than March 24.

Questions?

Do you have any questions about the vacancy? Please contact the hiring manager by email. The hiring manager will be available from March 10 due to vacation.

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 adapt and develop its operation for the challenges today and tomorrow. In the System Operations we develop ingenious concepts and processes based on knowledge to ensure TenneT is prepared to operate the future power system with the same level of reliability and security, as we have today!

In the team of System Resilience you contribute directly to these challenges by identifying the 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 power system is evolving; synchronous generation is increasingly replaced by inverter-based resources (IBRs). This shift leads to amplified and accelerated grid dynamics and an increased need for stability monitoring in system operations to ensure grid security at all times.

- You will **contribute to innovative solutions for monitoring and analysis of grid stability and dynamics, to be used in the control room of TenneT**. In this way, **you will directly contribute to improving grid security** of the Dutch and European power systems.
- You will **contribute to the ongoing Dynamic Security Assessment (DSA) developments** within TenneT (cooperation with internal and external colleagues).
- You will contribute to **grid resilience developments**, such as **inertia and system strength monitoring** and utilization of **wide-area equipment** (PMUs, WAMS...).
- You will **closely cooperate with several departments** on various stability initiatives (e.g. System Operations, Energy System Planning, Grid Field Operation).

Additional information

- The weekly working time is 40 hours
- NL: Type of contract is indefinite
- Salary scale 9, €4675 - €9196
- Job interviews for this position will be (partly) in English. Please send us your application document in English as well

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 cooperate with the relevant process owners internal and external to system operations** to get full picture about the challenges ahead for a stable future system operation.
- The opportunity to engage in **national and international working groups** (Entso-e, CIGRE...).

Your profile and background

You are a responsible and proactive individual with a strong work ethic. In addition, you have a curious nature and enjoy engaging with technically complex topics, always seeking intellectual challenges. Maintaining a positive attitude towards working in an international team comes effortlessly to you. With excellent communication skills, you interact effectively with both technical and non-technical stakeholders, understanding that building connections is key to success. Above all, you have a strong ambition to continuously learn and develop yourself further.

- Master in electrical/power system engineering (grid stability/dynamics focus or PhD is a benefit) with good understanding of power systems and/or power electronics.
- Have experience with power system analysis software such as DIgSILENT PowerFactory and/or PSS/e is a must-have, experience with power system (dynamic) modelling, testing, simulations, etc. is a benefit.
- Some experience with coding and automation/scripting is needed (e.i. Python).
- Very good verbal/writing skills in English are mandatory. Knowledge of Dutch or willingness to learn

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 maximum two interviews.

For further questions regarding the recruiting process, please contact:

Shannon Martina

People | Corporate Recruiter

+31 6 418 652 58

For questions regarding the position, please contact:

Pim Jacobs (available from march 10th)

Lead System Operations

Pim.Jacobs@tennet.eu

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/92478>