



Grid Model Manager

At TenneT, we are building an energy supply that keeps the Netherlands moving. As a **Grid Model Manager**, you'll have a direct impact on the future of our electricity grid. You play a key role in delivering innovative and sustainable energy solutions that support the energy transition. Together with your colleagues, you will work on the **Grid model of the future**, so we can continue to provide reliable and affordable energy to the Netherlands. Thanks to your efforts, we ensure a stable electricity grid today and in the future.

Your contribution to TenneT

As a Grid model Manager, you will be responsible for the structured further development, management and maintenance of all the necessary models and analysis tools relating to grid studies in the broadest sense of the word, from power flow calculations to harmonic and EMT analyses. In addition, you will develop into a 'power user' of the analysis tools. You will do all this together with colleagues within GMM and with the help of various subject specialists.

You will also be responsible for:

- You are responsible for setting up and maintaining the basic model of the Dutch high-voltage grid and network models derived from it, in order to be able to perform calculations on the grid, both nationally and within a European context;
- Receiving change requests for the basic model and executing them;
- You will receive requests for information about model data or models, from within the TenneT organisation and from third parties, and you will handle them;
- You will contribute to the further development and quality improvement of the basic model and its underlying data set by conducting research and formulating implementation proposals;
- You hold periodic consultations with the System Operations (SOP) department and thus contribute to keeping the models in both departments at the same level;

Your profile and background

At TenneT, we are looking for professionals who want to contribute to the future of our electricity grid. We expect you to have the right experience and skills to make a valuable contribution to our team and our mission.

What do you bring to the table?

- You have completed a academic degree in electrical engineering (or equivalent).
- You have proven knowledge of the electricity supply system.
- You are familiar with carrying out grid studies for high-voltage networks. As part of this work, you have gained experience in modelling electrical grids.
- You have excellent communication and social skills. As a team

Additional information

TenneT offers you the opportunity to contribute to a sustainable energy future. Together with colleagues, partners and stakeholders, you will work on innovative solutions that enable the energy transition. With us, you will have the space to develop your talent and work in an environment where your growth is central. We believe in collaboration, forward thinking and innovation.

That's why we offer you:

- A permanent contract for 40 hours per week with a two-month probationary period
- A salary in scale 8: EUR 4.151,- to EUR 8.197,- per month (based on 40 hours), with 8% holiday pay, 6% end-of-year bonus and 70% pension contribution.
- 43 days of holiday per year (based on full-time employment).

Flexible conditions

We value a good work-life balance and your personal development. That is why we offer flexible solutions such as:

- Hybrid working, including an internet allowance of €32.50 and a home working allowance.
- Support for your vitality, with a contribution towards a gym membership and health insurance.
- Development opportunities through the TenneT Academy, so you can continue to expand your knowledge and skills.

Our offer



We are family friendly and flexible



Health - your basis



Modern working environment



Attractive remuneration and social benefits



Personal development

Our recruiting process

You can respond within seconds using our application form. Once we receive your application, we will screen it and contact you as soon as possible. The selection procedure consists of two interviews.

player you are aware of your environment and you make use of the knowledge of others.

- You are familiar with PowerFactory and are able to find a solution to technical problems with models.
- You have strong written and verbal communication skills in Dutch and/or English.

This will be our challenge

Energy System Planning is a future-oriented unit, optimized to react to fast-changing external conditions. We develop a 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.

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/93758>