

Power Networks Expert (based in The Netherlands)

ENGIE Laborelec is a leading expertise and research centre in electrical power technology. Drawing on the skills of 280 highly specialized engineers and technicians, the company is active on the whole electricity value chain and backs a large set of customers in the fields of generation, transmission, distribution, storage and final use of electricity, with a particular focus upon the energy transition and the 3 Ds - decentralization, decarbonization and digitalization.

All forms of electricity generation come within our capabilities, whether centralized or decentralized, from fossil and nuclear to renewables technologies. Directly or indirectly, we also work for a large array of other customers, including grid operators, large industries, SMEs, cities, regions or residential prosumers.

With a strong focus on high value delivery for our customers, we combine expert knowledge and operational experience with state-of-the-art analysis and measurement capabilities to provide operational research and development services, specialized expertise and tailor-made global solutions. We guarantee the independence and objectivity of our solutions and recommendations.

Established in 1962 to support electricity companies with a wide range of specialized services, Laborelec is today a cooperative company, with ENGIE and independent grid operators as shareholders. Laborelec has a global presence, with activities in more than 60 countries and offices in Belgium, the Netherlands, Germany, Chile and Abu Dhabi.

The Power network department

The energy transition is more than ever a reality and is extremely demanding for the power system. The change for Power Network Operators, Power Suppliers and Industry is the most important since its origin. Laborelec as a leading expertise and research centre in electrical power technology is at the centre of this exciting change and is looking for multiple **Senior and/or Junior** engineer profiles willing to develop an **electrical expert** career in the field of Electrical Power Systems (network and power quality, power flow and transient phenomena, compatibility issues, ...). The work domain will be critical electrical networks in industry, utilities (DSO's, TSO's, micro-grid developers), renewable power (hydro, wind, solar, ...) & battery storage, thermal and nuclear generation worldwide.

Your mission:

- You 're part of the Expert Team of Power Networks at Laborelec Nederland,
- You perform **Projects and Power Networks Studies** (simulations, consultancy on FLEX, complex electrical measurements, ...) both for classical grids as for micro grids,
- You develop and manage **Products and Services** in the proposed domains for our customers,
- You develop a **Strong Relationship with our Clients** in the Netherlands: Grid Operators, Industrial Parties and different business lines inside the ENGIE Group,
- You perform **Root Cause Analysis** in a temporary team of electrical experts in case of electrical incidents to compile expert reporting.
- You feel strongly motivated to further develop a **high level of expertise** in electrical power systems, power electronics and electrical equipment.
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Qualifications:

- You are an industrial (HTS) or civil (TU) engineer with a specialisation in electricity,
- You have some competences and/or the willingness to develop further in network dynamics, Power Quality, EMC, Power Electronics.
- You have experience and/or the willingness to develop further with one or more software tools like MATLAB, PYTHON, Simulink, COMSOL, ANSYS, Opal-RT, NEPLAN, EMTP-RV, VISION, TABLEAU...).

- You dispose knowledge and/or the willingness to develop further in communication protocols (IEC61850, IEC104, Profibus, RS232, ...),
- You have skills in project management (setting up and follow-up of a plan),
- You have as strong customer focus, a keen awareness of economic and financial impacts and a natural business feeling (value creation, ...),
- Strong writing skills in Dutch and English, additional languages (French, German, Spanish,...) strongly preferred,
- You are imbued with team spirit, initiative and the ability to develop synergies both internally with other competence centres and with external partners (for example, manufacturers, universities and other research centres),
- You are available and, in a position, to travel for short missions (typically 1 week) within Belgium, the Netherlands, Europe.

Laborelec offers you:

- a competitive salary, supplemented by numerous benefits,
- a wide range of training and development opportunities,
- A healthy work/life balance, and
- An exciting career in a leading competence centre, within prospects within the ENGIE group, the international energy player of which Laborelec is part.

Your HR contact person: Eline Blanc – eline.blanc@external.engie.com

Workplace: ENGIE Laborelec Nederland - Amerikalaan 35, 6199AE Maastricht Airport, The Netherlands