https://www.artemys.be/job/lead-electrical-engineer/

Lead Electrical Engineer

Hiring organization
Artemys

Employment Type
Full-time

Duration of employment
Unspecified

Industry
Renewable energy

Job Location
Rotterdam, South Holand, Netherlands

Date posted
27 April 2026

Description

On behalf of our client **ENKA Energy Transition**, a company focused on developing large-scale flexibility assets for the European grid and rapidly expanding its presence in Europe, Artemys is looking for a **Lead Electrical Engineer** to lead the technical aspects of grid-scale battery storage projects.

Location: **Rotterdam, Netherlands**

Responsibilities

ENKA Energy Transition (**ENKA Energy**) is an energy company based in the Netherlands, looking to build, own, and operate flexible energy assets such as BESS in Europe, with a focus on the Belgian, Danish, French, and German markets. ENKA Energy is focused on the quick, efficient, and scalable deployment of flexible assets by maximising the existing grid. Large-scale clean energy projects can take several years to develop from inception, due to grid connection constraints, financing complexity, environmental impact, and long lead times for High-Voltage equipment. In contrast, ENKA Energy's approach to developing various partnership models and building where grid capacity is available reduces both risk and development time and maximizes the value of the projects.

To successfully accelerate its development, **ENKA Energy** is searching for a **Lead Electrical Engineer** who will take a central technical role in these developments.

As a **Lead Electrical Engineer**, you will provide technical leadership across the full lifecycle of our **Battery Energy Storage System** (**BESS**) projects. This role is central to ensuring that all electrical and system-level aspects of our storage assets are optimally designed, engineered, procured, delivered, and operated. You will ensure that all installations meet the required technical, safety, and performance standards, and that battery assets and their grid connections are designed, procured, constructed, and installed efficiently. You will also oversee all technical aspects of the projects and provide expertise and guidance throughout the full life cycle of grid-scale battery storage developments.

Main responsibilities:

Project Development

• Conduct preliminary technical assessments of potential BESS sites, grid connection options, and system sizing
• Support due diligence for acquisition or greenfield opportunities, including review of feasibility studies, interconnection requirements, and technology options
• Advise on initial system architecture, grid compliance implications, and project risk identification
• Define and maintain the technical scope, functional specifications, and performance requirements for BESS projects
• Support interconnection studies, load flow analysis, short-circuit analysis, and compliance with grid codes
• Coordinate with permitting teams to ensure electrical designs meet regulatory and safety requirements

• Prepare technical documentation for RFP, assess vendor technical proposals, and lead technical negotiations

Execution

• Oversee detailed engineering, ensuring alignment with project requirements, standards, and best practices
• Review and approve electrical drawings, protection schemes, construction plans, and commissioning protocols
• Take a hands-on role on site: perform regular site visits to supervise all electrical and battery-related construction activities, ensuring quality and compliance with project requirements
• Supervise the installation and commissioning processes, including validation of system performance models and guarantees
• Oversee post-commissioning operations: assist with operational follow-up and performance monitoring of battery systems once installed, ensuring reliability and optimal functioning in real-world use

Operational support

• Monitor and analyse operational data to optimize performance, reliability, and lifetime value of BESS assets
• Support long-term maintenance strategies and technology upgrades

Qualifications

• Relevant degree in **Electrical Engineering**
• Demonstrated experience in **medium voltage** systems, protection design, and power system studies
• Good understanding of energy storage technologies, power conversion systems, and grid interconnection requirements
• Prior involvement in **renewable energy, BESS, or power infrastructure projects**
• Strong analytical skills, attention to detail, and a solution-oriented mindset
• A practical, hands-on approach suited for on-site supervision and implementation
• Excellent communication skills, with the capacity to collaborate proactively with suppliers, colleagues, and stakeholders
• A team-oriented mindset combined with the ability to work independently and manage complexity across multiple projects in a dynamic environment
• An open, adaptable, and committed attitude, well-suited to a start-up environment
• Ability to anticipate, evaluate, and address emerging risks
• Curiosity and motivation to explore new technologies and solutions within the energy transition sector
• Capability to develop and implement new technical processes and standards
• Fluency in **English** and **Dutch**

Job Benefits

• A full-time employment contract
• An attractive salary package with a wide range of benefits, including a competitive salary
• An opportunity to work as part of a dynamic team in a fast-growing and challenging business domain
• Opportunities for continuous learning and development