# Structural Engineer Consultant

**Deadline:**
29-11-2026

**Employment type:**
Full time

**Practice group:**
WTG & BoP Engineering

**Location:**
Aarhus, Denmark, Copenhagen, Denmark

Are you passionate about renewable energy and eager to work at the forefront of the global energy transition? PEAK Wind is seeking a Structural Engineer Consultant to support Wind Turbine (WTG) and Balance of Plant (BoP) engineering on offshore wind projects, with a focus on Wind Turbine Components, jacket foundation design, scour and scour protection, and cable mechanical engineering.

### Introducing the WTG & BoP Engineering Team

You will become part of our WTG & BoP Engineering team, where we work collaboratively to support renewable energy projects around the world. Our team consists of highly motivated professionals who bring diverse backgrounds and a strong commitment to excellence. We support one another, share knowledge, and celebrate both individual and collective achievements.

You will report to the Head of WTG & BoP Engineering and work closely with colleagues across different areas, bringing your perspective to a collaborative and purposeful team environment.

### How You Will Make an Impact

As a Structural Engineer Consultant, you will contribute to the successful development, construction, and operation of our clients' wind projects. Your key responsibilities will include:

- Supporting End of Warranties activities, technical due diligence, and asset management topics for clients throughout the development, construction, and operational phases of wind farms.
- Providing engineering expertise across both WTG and BoP systems, including turbine components, jacket foundations, scour protection, inter-array and export cables, offshore substations, and associated infrastructure.
- Leading the engineering activities related to foundation, scour protection, and cable work packages for offshore wind projects, from development and procurement through construction and into operations.
- Acting as a trusted technical advisor on jacket foundation design and scour management, reviewing foundation and scour protection solutions from design basis through detailed design, installation, and monitoring to ensure safe, robust, and cost-effective performance.
- Providing cable mechanical engineering support, including inter-array and export cable routing, burial and protection, cable protection systems, crossings, and the cable - foundation interface.
- Identifying, assessing, and mitigating technical risks related to turbine components, foundations, scour, cables, and asset integrity, and maintaining the project technical risk register.
- Following up on the certification process and managing interfaces with certification bodies to ensure that designs and deliverables meet the relevant standards and requirements.
- Contributing to the development of best practices and knowledge sharing across PEAK Wind's offshore engineering services.

### What Will Make You Successful in This Role

At PEAK Wind, we know success comes in many forms. What matters most is your mindset, curiosity, and drive to make an impact. The following qualities and experiences will help you succeed in this role:

- A degree in a relevant field such as Mechanical, Structural, Civil, Geotechnical, or Offshore Engineering, or similar.
- A minimum of 5 years post-education professional experience in offshore wind, the wider offshore industry, or another complex environment.
- Clear and effective communication skills in English, both spoken and written.
- A structured approach to problem-solving and the ability to take initiative.
- A collaborative mindset and the ability to thrive in an international, cross - functional team.
- Solid understanding of WTG components, including their function, common failure modes, and repair methodologies
- Solid understanding of the offshore wind foundation design process, particularly for jacket structures, including the impact of scour and the design of scour protection.
- Knowledge of subsea cable systems and cable mechanical engineering, such as burial and protection, cable protection systems, crossings, and the cable - foundation interface.
- Good knowledge of offshore wind EPC (Engineering, Procurement, and Construction) as well as O&M (Operations and Maintenance), including how design and installation choices affect long - term operation of the asset.
- Familiarity with offshore wind industry standards and certification frameworks, such as DNV standards, IEC, IECRE, and Eurocodes.

## Why Join PEAK Wind

- An international, inclusive, and diverse workplace where differences are valued
- The opportunity to work on leading renewable energy projects alongside experienced industry professionals
- Flexible working arrangements that support both your career and personal life
- A flat organisational structure where your ideas are welcomed and your contributions matter
- A strong focus on your learning, development, and professional growth
- A culture that values commitment, meaningful contributions, and having fun

## Our Commitment to Inclusion and Fair Hiring

We believe that a diverse and inclusive workplace drives innovation, creativity, and stronger results. At PEAK Wind, we are committed to fair and transparent hiring processes, welcoming candidates from all backgrounds, identities, and experiences. Our hiring decisions focus on what each person brings to the role and our team, and we are committed to ensuring transparent salary structures, with pay decisions based on clear, objective, and genderneutral criteria. Salary information, including the relevant salary band, will be shared with candidates when they are invited to a first interview.

## How to Apply

We look forward to receiving your application. Applications will be reviewed on an ongoing basis, and we reserve the right to close the recruitment process once the right candidate has been found. Please apply directly through our website. If you have any questions or would like to know more about the position, please contact People & Development at recruitment@peak-wind.com.

## About PEAK Wind

PEAK Wind is an independent renewable energy specialist in commercial, financial, and technical operations, delivering advisory, intelligence, and asset management services to investors and developers around the world. From onshore and offshore wind generation

to Power-to-X, we work across the entire energy lifecycle to optimise operations and maintenance, enhance asset performance, and provide a holistic view of renewable infrastructure portfolios.
Our values - Expertise, Passion, Unity, and Integrity - are reflected in everything we do, from how we support our clients to how we collaborate as a team. At PEAK Wind, you will be able to apply your professional skills in a dynamic environment and experience a meaningful responsibility and involvement.