

# Tower and Foundation Technical Project Leader



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## EXECUTIVE SUMMARY

Experienced Tower and Foundation Technical Project Leader with a strong background in offshore wind engineering and asset management. Proven expertise in leading design projects, ensuring quality standards, and managing complex interfaces. Skilled in developing innovative solutions to optimize operational efficiency and reduce costs. Committed to safety and continuous improvement in engineering practices. Strong communicator with the ability to work effectively in multidisciplinary teams.

## KEY ACHIEVEMENTS

**Tower Design Manager:** Successfully led the tower design for multiple offshore wind projects, ensuring compliance with quality standards and timely delivery.

**O&M Engineer:** Developed and implemented project-specific O&M strategies that improved operational efficiency and reduced costs.

**Research Engineer:** Contributed to innovative research in offshore wind engineering, focusing on structural health monitoring and maintenance planning.

## PROFESSIONAL EXPERIENCE

### Tower and Foundation Technical Project Leader (Design Manager)

General Electric, Remote, Italy

Jul 2023 – Jan 2025

- Led tower design for multiple offshore wind projects, ensuring compliance with quality standards.
- Managed interfaces between design, procurement, and quality departments.
- Oversaw project delivery within budget and timeline constraints.

### Senior O&M Engineer/Asset Manager (structural)

ScottishPower Renewables, London, United Kingdom

Jan 2023 – Jul 2023

- Developed and monitored structural O&M requirements for various offshore wind projects.
- Conducted strategic reviews to enhance asset management strategies.
- Produced tender documentation and evaluated bids for contracts.

### O&M Engineer – Asset Integrity Department (structural)

## TECHNICAL SKILLS

- Tower design
- Structural integrity analysis
- O&M strategies
- Project management
- Quality assurance
- Risk assessment

## SOFT SKILLS & PERSONALITY TRAITS

- Reliable
- Autonomous
- Meticulous
- Safety-focused
- Strong communicator

## EDUCATION & TRAINING

- ICE CEng Qualification – Institution of Civil Engineers (2022)
- APM Project Management Qualification (PMQ) – Association for Project Management (2023)
- IAM Certificate – Principles of Asset Management – Institute of Asset Management (2023)
- APM Project Fundamentals Qualification (PFQ) – Association for Project Management (2022)
- GWO Courses – WINDA ID MMO65262GB
- Engineering Doctorate in Energy – Cranfield University (2019)
- Master of Science in Renewable Energy Engineering – Cranfield University (2014)
- Bachelor in Engineering – Energy and Petroleum Engineering – Universidad Politécnica de Madrid (2014)



Quality, Integrity, Reliability

OIM France SAS

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France



*ScottishPower Renewables, London, United Kingdom*

*Jul 2018 – Jan 2023*

- Analyzed structural engineering issues affecting offshore wind assets.
- Optimized inspection reporting methodologies and quality control processes.
- Collaborated with multidisciplinary teams to address technical challenges.

### **Research Engineer – Offshore Wind Engineering Department**

*Cranfield University, Bedfordshire, United Kingdom*

*2014 - 2018*

- Conducted research on structural health monitoring for offshore wind turbines.
- Developed condition-based maintenance strategies for support structures.

- Spanish (Native), English (Full professional proficiency), Italian (Professional working proficiency)