

Hydro-Aero-Elastic Modeller / WindEngineer

Floating Power Plant A/S (FPP) is looking for a Hydro-Aero-Elastic Modeller / WindEngineer, with expertise in Deeplines Wind, to join our fast-growing business and team. If you want to have direct influence and be part of a renewable energy adventure – please send an application to HR@floatingpowerplant.com

Main tasks

- To perform simulations of FPP's floating wind technology using Deeplines Wind
- To determine appropriate load cases to run for different stages of technology design (from feasibility to detailed design)
- To integrate the results of the Deeplines Wind simulations with the overall technology development within FPP
- To post-process data, identifying any errors in simulations, and write results into reports
- To reflect on the results of simulations to determine appropriate steps to take in the design
- To follow floating wind standards, and ensure FPP's design is compliant

Technical Skills

- Essential
 - Ability to use Deeplines Wind, including the set-up of new floating platforms, wind turbines and mooring systems as required, running simulations
 - Post-processing simulations, writing results into reports and reflecting on the meaning of the results
 - Good understanding of wind turbines
 - Experience with floating wind turbines
- Nice to have
 - Ability of other floating wind software, for example Orcaflex, Fast and Hawc2

Personal Skills

- Passion to make a difference and bring FPP's technology to the next level
- Enthusiastic and self-driven and be able to work independently.
- Able to take ownership of the workflow
- Good to prioritize work and determine the appropriate level of detail for a task
- Team player
- Good to communicate with team and external partners

Experience

- Minimum Masters' degree in a degree associated with wind energy
- Must be eligible to work in Denmark
- The place of work is Vallensbæk, Denmark or Gran Canaria, Spain (FPP's technical team is located in these two offices)

What we offer

- FPP is a Danish company, backed by 240 shareholders, rapidly expanding in order to develop and commercialise the world's first floating wind and wave device
- We have a fast-paced and fun environment with varied tasks and a great team
- You will be working alongside colleagues and external partners who are the leaders in their fields
- The work which you undertake will be key to the company's success, and will directly impact the design of FPP's technology and our commercial projects
- Attractive working terms
 - Competitive salary and share option program (warrants) - meaning you can own a part of our success
 - Great working conditions incl. flexible working hours, pension, 6 weeks holiday, option to work in other offices, etc.
 - Good working environment incl. lunch, social events, modern facilities, etc
 - Regular Friday drinks and other events with colleagues
- We are an international team so the main office language is English.
- The place of work is Vallensbæk, Denmark or Gran Canaria, Spain (FPP's technical team is located in these two offices)

Cross competencies

Please note we are currently looking for 7 new colleagues. If your skill set overlap some of the other positions, please emphasise this, as this will be evaluated positively.