

# Your Internship/Thesis in Energy Technology & Simulation.

## Your Internship Tasks

During your internship, you will support in our Energy technology team from feasibility studies to evaluation of specific grid components. Your tasks will include **some or all the activities listed below, depending on your interests:**

- › Development of innovative concepts supporting our customers in enabling the energy transition in today's energy system.
- › Support in feasibility studies for P2X projects.
- › Techno-economic evaluation of technology concepts or components.
- › Mirroring of physical processes and optimization in our own energy system simulation suite (Phyton).
- › Actively contributing to some of Germany's largest battery storage projects.
- › **Contributing to real-world technical consulting activities and daily project work.**
- › Actively engaging with the P3 student community and participating in internal events.

## We could be a perfect fit if you...

- › have an academic background in electrical (power) engineering, mechanical engineering or combined with business administration
- › are eager to dive deeper into energy technology and bring enthusiasm for technical problem-solving
- › are motivated to analyze complex matters and present them in a clear and concise way
- › work reliably and in a structured manner – both independently and as part of a team
- › are fluent in English (spoken and written), German is a plus
- › are available for at least 3 months and ideally open to a longer-term collaboration
- › are based in Germany

## Who we are

P3 energy solutions is a consulting company focused on hydrogen, Power-to-X technologies, and modern energy infrastructure and storage systems. We support companies in turning complex energy ideas into real-world solutions — from early-stage concepts all the way to implementation.

Our projects combine deep technical know-how, strategic thinking, and operational excellence. Whether it's simulating energy systems, designing future-proof power grids, or analyzing sector coupling opportunities — our work helps shape the future of energy.

At P3 energy solutions, you'll gain exposure to real industrial challenges and work closely with experienced consultants, engineers, and developers. We collaborate with both national and international companies and partner with universities in research projects — giving you the chance to apply your knowledge in both practical and innovative contexts.

## What we offer you

- › **Flexible working setup:** hybrid, fully remote, or on-site at one of our offices
- › **Great and supportive colleagues :)**
- › A well-compensated, paid internship
- › Being part of a modern and international team
- › Flexible working hours
- › Office catering when on-site
- › **Networking opportunities and team events**
- › Direct insight into real industrial and consulting projects
- › **Potential to continue with us through a thesis or working student position**

## Your contact

**Petra Winter**

Business Development  
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If you're excited about working at the intersection of technology and energy and want to grow your skills in a fast-paced, collaborative environment, we'd love to hear from you.

Apply via our Job Portal: [Link](#) OR write us an email including your CV and availabilities.

