

# Thermal Energy Storage Engineer

Are you ready to be part of a startup that is driving the future of sustainable energy? Suncom Energy is seeking a results-oriented engineer to join our mission to decarbonize the world's energy supply. If you are passionate about solar energy, possess an entrepreneurial spirit, and thrive in a collaborative environment, this position is tailor-made for you! Join us in Houten, where we are developing small scale Concentrated Solar Power (CSP) solutions to provide 24/7 renewable heat.

## *Summary*

As an Energy Storage Engineer at Suncom, you'll be a key player in bringing our innovative Thermal Energy Storage (TES) solution to market. Your role will be varied and impactful, handling everything from solving technical energy storage challenges to managing technical projects, budgets, and roadmaps. In this dynamic position, you'll directly advance the shift towards reliable and affordable renewable energy. Working closely with our partners, you'll lead cutting-edge research and development in thermal energy storage.

## *What We Offer*

- Join a **mission-driven startup** at the forefront of the renewable energy revolution
- Opportunity to **work abroad** in sunny countries like Spain, testing and deploying your innovative solutions
- **Competitive salary**, with the possibility of acquiring a stake in the company and **becoming a co-owner**
- **Flexible** work environment with a **high level of responsibility** and ownership
- **Convenient office location** easily accessible by car (next to highway A27) and public transport (6 min. bike ride from Houten Castellum)
- Fun and supportive office environment with a strong emphasis on **personal development**
- Be part of a company that builds tangible, **real-world products**

## *What We Are Looking For*

- Master's degree in Mechanical Engineering, Process Engineering, Thermodynamics, or a similar field
- 0-5 years of relevant work experience
- Passion for renewable energy and understanding of market dynamics

- Strong theoretical and applied/practical work skills
- Proficient in CFD software analysis
- Experience with Python is a advantageous
- Willingness to travel abroad for product and prototype installation, testing, and commissioning
- Passionate about project management
- Self-starting attitude, taking ownership of projects

### *Responsibilities*

- Research and analyse existing Thermal Energy Storage technologies for best practices
- Collaborate on the design and development of our new Thermal Energy Storage prototype(s)
- Set up and conduct experiments to validate your theoretical solutions
- Prepare products for mass-production by considering manufacturability as well as technical, operational and financial aspects of the product and production process
- Start the procurement process for your new proposed components by contacting suppliers and (co-)negotiating competitive deals
- Conduct thermodynamic simulations and calculations to evaluate system performance
- Preparation of project schedules, budgets, and resource allocation plans

For more info, contact the recruitment team at:

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