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# JOB DESCRIPTION

Project Design Engineer

November 2025



## Ready to make a positive impact?

Firstly, thanks for taking the time to show an interest in Reheat. I hope that reading this letter from me is the first step you make towards being part of our growing team and helping us collectively to play a part in the urgent global response to climate change.

When Neil and I established Reheat in 2011, we didn't want to sell the most renewable heating systems or even be the biggest business in the market. We set out to provide the right solutions and deliver the highest performing systems we possibly could. The best. Not the most.

These values still guide us today.

We don't cut corners or do things that don't feel right. In fact, we've probably said no thanks to more projects than we've said yes please to. That's not always the easy path to take. It sometimes means ripping up our work and starting again. It means not settling for good enough but continuing to look for better answers and to seek out opportunities to improve. Our business is driven by our values:

Powered by people  
Different and dynamic  
Make opportunities meaningful  
High performance. Always.

We are powered by exceptional people who care about the work we do and the meaningful difference we make. People who are dynamic, challenge each other, perform to the highest standards and are genuinely having a positive impact on the planet.

If this sounds like you, then please read on. We'd be delighted to start a conversation.

Best regards,



**Ben Tansey**  
Managing Director, Reheat

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## 1.0. Role Overview

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| <b>Job title</b>    | Project Design Engineer                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Location</b>     | Alnwick (potential of hybrid remote working)                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Reporting to</b> | Head of Engineering & Installations                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Reportees</b>    | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Salary</b>       | From £27-35K depending on experience                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Hours</b>        | 40 hours per week, with an occasional requirement to work evenings & weekends                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Travel</b>       | Site visits and client meetings will be required, along with meetings, training and CPD events. Overnight stays are possible but not common.                                                                                                                                                                                                                                                                                                                                      |
| <b>Benefits</b>     | <ul style="list-style-type: none"><li>• Annual leave - 25 days plus bank holidays</li><li>• Pension scheme</li><li>• Private Healthcare</li><li>• Health and Wellbeing programme</li><li>• Training and development opportunities</li><li>• Modern office environment</li><li>• Flexible and remote working</li><li>• Cycle to Work Scheme</li><li>• £500 personal development voucher</li><li>• Social activities</li><li>• Career opportunities in a growing business</li></ul> |

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## **2.0. Role Description**

As Project Design Engineer, you will contribute to the successful delivery of renewable energy projects by supporting both the design and project management functions. Working closely with the Head of Engineering & Installations and a multidisciplinary team, you will be involved from initial proposal through to system commissioning. Your role will include outlining technical specifications, producing coherent system designs, and ensuring that all project deliverables are met on time and to a high standard.

You will provide technical support across departments, liaise with clients and third parties, and assist in the preparation of accurate documentation including technical reports and cost estimates. This is a hands-on role that combines design work with site surveying and supplier coordination, offering a strong foundation for professional growth.

The position is ideally suited to a graduate or recently qualified engineer with a passion for renewable energy and a drive to grow within a dynamic and innovative environment. You will be encouraged to pursue professional development as part of your career progression within the business.

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### 3.0. Key Accountabilities

| Accountability |                                                                                  |
|----------------|----------------------------------------------------------------------------------|
| 1.             | Develop functional design specifications and system layouts                      |
| 2.             | Respond to supplier technical enquiries and assist in equipment selection        |
| 3.             | Produce piping diagrams, general arrangements (GA's), and technical drawings     |
| 4.             | Manage document control and ensure compliance with relevant standards            |
| 5.             | Ensure all designs and documentation adhere industry standards and best practice |
| 6.             | Create Bills of Materials and support cost estimation and budgeting              |
| 7.             | Assist with procurement and supplier coordination                                |
| 8.             | Conduct site surveys and contribute to health & safety planning                  |
| 9.             | Prepare clear & concise technical reports to communicate design decisions        |
| 10.            | Collaborate with cross-functional teams to meet project milestones               |

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#### 4.0. Person specification

| Factors                                                                          | Essential | Desirable |
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| <b>Qualifications and skills</b>                                                 |           |           |
| Degree Level – Mechanical / Building Service / Electrical Engineering or similar | ✓         |           |
| Project Planning                                                                 | ✓         |           |
| CAD competent (e.g AutoCAD /Inventor)                                            | ✓         |           |
| Strong written communication skills, including technical report writing          | ✓         |           |
| <b>Special knowledge, abilities and/or experience</b>                            |           |           |
| Ability to perform heat loss calculation & pipe sizing                           |           | ✓         |
| Familiarity with building services and mechanical/electrical integration         |           | ✓         |
| Basic electrical knowledge & system co-ordination                                |           | ✓         |
| Understanding of site safety, surveying practices                                |           | ✓         |
| Knowledge of industry standards and regulatory compliance                        |           | ✓         |
| Awareness of budgeting & cost estimation                                         |           | ✓         |
| <b>Personal qualities</b>                                                        |           |           |
| Attention to detail and commitment to quality                                    | ✓         |           |
| Self- motivated and pro-active in problem solving                                | ✓         |           |
| Strong interpersonal and client-facing communication skills                      | ✓         |           |
| Adaptable and able to work effectively in a team environment                     | ✓         |           |
| <b>Behaviours</b>                                                                |           |           |
| Collaborative approach to working within project and cross-functional teams      | ✓         |           |
| Professional conduct in client & supplier interactions                           | ✓         |           |

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| Responsible attitude toward health & safety and project delivery | ✓ |
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**Interest and motivation in the job**

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| Keen interest & basic understanding in renewable energy and sustainable technologies | ✓ |
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| Commitment to continuous learning and professional development | ✓ |
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| Motivation to grow within the business and progress to Design Engineer status | ✓ |
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**Certified**



**Corporation**