

Recruitment Job Description & Requirements

Job Title	Energy Engineer Student – RES team
TEA Reference	SP204
Salary	€1600 per month (Full Time Equivalent)
Location	TEA offices, Cahir, Co Tipperary
Start Date	March 2020 (depending on course schedule)
Contract Type	Fixed Term

Background

Tipperary Energy Agency works on a wide range of projects which require multi-disciplined teams and skills. The mission of the Agency is to “*lead and support Co. Tipperary to reduce its CO₂ emissions by stimulating and implementing best practise in the field of sustainable energy*”. The Agency has supported the development of community wind farms, large biomass installations and wide-ranging retrofit projects in Tipperary and beyond. Tipperary Energy Agency is recognised as one of Ireland’s and Europe’s leading sustainable energy development agencies.

An opportunity has arisen to offer an engineering Internship to support the Residential team. Past interns consistently acknowledge their internship with Tipperary Energy Agency as a valuable learning experience. We have a long history of supporting the development of students and graduates by facilitating placements as part and on completion of their studies. The successful candidate will receive significant experience in a dynamic social enterprise at the cutting edge of sustainable energy development. They will be mentored by an existing staff member and will work on a specific project to support the agency’s ongoing projects.

About Superhomes: Super Homes, created by the Tipperary Energy Agency and funded by the sustainable energy authority of Ireland and Electric Ireland is a one stop shop for deep retrofit of homes with energy efficiency and renewable energy. It is one of the leading energy transition initiatives in Ireland and the EU.

The student will receive valuable experience in a dynamic SME at the cutting edge of sustainable energy. They will be mentored by an existing staff member and will work on a variety of projects that are in line with their curriculum and the agencies objectives.

Recruitment

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Energy Engineering Student

- Assist all engineering staff in all aspects of building services consultancy works and energy management.
- Assist with energy audits, thermal modelling, heat load calculations and identify opportunities to reduce energy consumption.
- Gather & Collate data, and report on the performance of homes to specific required reporting templates (Monitoring and verification of energy savings).
- Analyse monitoring data to identify possible problems in current energy systems performance & implement corrective action as required.
- Building on the data analysis a detailed standard report will be developed for each householder to ensure they are maximising the benefit of the Super Homes deep retrofit
- Analyse the performance of existing homes, the savings achieved and identify optimisation opportunities.
- Assist in the development of design tools & calculators.
- Assist with building services condition and environmental audits and due diligence audits with particular attention on essential services such as building fabric upgrades and heating upgrades.
- Liaise and assist with providing clients and contractors with requested information.
- Other analysis to support TEA Staff as appropriate.

Candidate Requirements

The successful candidate will have the following skills and attributes:

- 3rd year in a graduate degree programme in sustainable energy engineering / energy engineering or related discipline.
- Strong IT and analytical skills
- Proficiency in the use and development of Excel Spreadsheets.
- Excellent communications skills
- Self-starter and self-motivated
- Interest in sustainable energy or sustainable development.
- Access to Own Transport desirable but not essential.

To Apply

Applications can be made by sending a CV and cover letter detailing your interest and suitability to the role.

Applicant should also provide a brief outline of related projects they have worked on in the past and provide an outline of their ideas for / or proposed final year project / thesis.

Applications should be made by email to recruitment@tipperenergy.ie and receive no later than 28 February 2020