

## Recruitment Job Description & Requirements

<b>Job Title</b>	Energy Engineer Student – Non-RES team
<b>TEA Reference</b>	SP203
<b>Salary</b>	€1600 per month (Full Time Equivalent)
<b>Location</b>	TEA offices, Nenagh, Co Tipperary
<b>Start Date</b>	March 2020 (depending on course schedule)
<b>Contract Type</b>	Fixed Term

### Background

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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 CO<sub>2</sub> 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 Non-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 graduate 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.

### Energy Engineering Student

- Assist all engineering staff in all aspects of building services consultancy works and energy management.
- Assist with developing design specifications and drawings including preparation of building services plans such as Heating Ventilation and Air Conditioning (HVAC) solutions, building services (M&E), renewable heating (heat pumps, biomass), Building Automation system designs and specifications, energy management specifications, advice on commissioning and maintenance routines and recommendations for ongoing rectification works.
- Assist with energy audits, thermal modelling, heat load calculations and identify opportunities to reduce energy consumption in buildings.
- Assist with building services condition and environmental audits and due diligence audits with particular attention on essential services such as building services, lighting and emergency lighting, building fabric and performance and fire protection.
- Assist our clients in troubleshooting potential services system failure and undertake design reviews.
- Liaise and assist with providing clients and contractors with requested information.

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## Candidate Requirements

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The successful candidate will have the following skills and attributes:

- 3<sup>rd</sup> year in a graduate degree programme in sustainable energy engineering / energy engineering or related discipline
- Strong IT and analytical skills
- Excellent communications skills
- Self-starter and self-motivated
- Interest in sustainable energy or sustainable development.

## To Apply

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Applications can be made by sending a CV and cover letter detailing your interest and suitability to the role. Applications should be made by email to [recruitment@tippenergy.ie](mailto:recruitment@tippenergy.ie) and receive no later than 28 February 2020