



Energy Sparks

Helping schools fight climate change

Do you want to make a difference in the fight against climate change? Senior Energy and Carbon Consultant Job vacancy

We are seeking a Senior Energy and Carbon Consultant for [Energy Sparks](https://energysparks.uk/), a charity working towards a sustainable future in which the school community is at the heart of measurable action to tackle climate change. Energy Sparks equips children and young people with the knowledge, skills, and tools to take practical action in their school and wider community to reduce carbon emissions. We enable school leaders, staff and communities to better understand and reduce their school's energy consumption and introduce wider measures to reduce their carbon footprint.

This new position will take a leading role in supporting Energy Sparks' growth and extended impact funded by grants from the UK government. This is an exciting opportunity to make a real difference to climate change by supporting the delivery of data driven learning opportunities to teach young people how to cut carbon emissions in their schools, and impactful advice to school management.

- Salary: £40,000 to £50,000 dependent on experience
- Initial fulltime one year contract with the expectation of extension subject to ongoing funding
Energy Sparks is willing to consider part-time/term-time contracts for the right candidate
- Fully remote, UK based, with occasional team meetings in Bath. There may also be a requirement to travel to school sites across the applicant's local area, although on-site audits are currently a minor part of Energy Sparks' offering
- Post holder must already have the legal right to work in the UK

Application deadline: 14th June 2022

To start as soon as possible

About us

Energy Sparks (<https://energysparks.uk/>) is an online energy analysis tool and energy education programme specifically designed to help schools reduce their electricity and gas usage through the analysis of smart meter data. Energy Sparks helps pupils and the wider school community to reduce their school's carbon emissions, and make a real contribution to addressing the 'climate emergency'. Energy Sparks started in 2017 in Bath, and is now working with 275 schools across the UK. We've attracted significant funding from government and charitable trusts and foundations to extend our support to 750 schools by summer 2023. All staff work remotely with the current core staff team based in the Bath area.

Senior Energy and Carbon Consultant Role

1. Leading engagement with schools to implement advice from the Energy Sparks energy management platform
2. Energy Sparks school portfolio review to identify priority schools for energy saving action and support those schools with appropriate advice and carbon reduction plans
3. Delivery of virtual and on-site school building energy and carbon reduction audits

4. Advice to schools on economic and CO2 payback of capital interventions, such as installing solar PV
5. Contribute to Energy Sparks campaigns to reduce schools' carbon footprint
6. Writing case studies, guidance and other material to help deliver and demonstrate impact of the Energy Sparks platform
7. Leading product development of new analysis and advice for schools around Scope 3 emissions
8. Supporting the development team to improve our energy data visualisation and generation of automated energy saving advice for schools through the Energy Sparks online tool
9. Collaborate with team members to provide technical expertise on energy management
10. Optimisation, improvement and testing of the Energy Sparks school building energy and thermal models (subject to experience)

This will be a varied role within a small staff team and an ability to embrace a diversity of tasks is essential.

Person specification

Essential

1. A first degree in engineering, maths, physics, geography, environmental science/management or a similar technical education
2. Advanced knowledge of net zero carbon planning, sustainability issues and energy auditing
3. Broad range of non-building fabric energy efficiency knowledge eg appliances, lighting, ICT, refrigeration and kitchens
4. Knowledge of a range of heating systems, gas, oil, biomass, air source heat pumps etc.
5. Strong knowledge of heating system control, eg thermostatic control, optimum stop/start, weather compensation, frost protection
6. Understanding of carbon emission factors, carbon costs, and embodied energy
7. Able to liaise with school and local authority staff and students at all levels in a confident and personable manner
8. In depth knowledge of Excel
9. Excellent written communication skills
10. Ability to work independently but collaboratively with others
11. Be able to prioritise your own tasks and time.
12. High commitment to Energy Sparks' vision
13. Driving licence and own vehicle to visit school sites

Preferable

1. Energy audit experience for commercial buildings.
2. ESOS, BREEAM, SAP, SBEM, Passivhaus or similar assessor accreditation
3. Experience with energy and thermal modelling
4. Knowledge of solar PV and optimising benefits for schools

Benefits

1. £40,000 to £50,000 dependent on experience
2. 12% employer pension contribution
3. 30 days paid annual leave plus bank holidays
4. Opportunity for part-time or term-time working for the right candidate
5. The opportunity to really make a difference reducing carbon emissions and helping young people to live sustainable lives

Application deadline: 14th June 2022

Please send the following by email to hello@energysparks.uk:

- A full curriculum vitae including two references with their full contact details
- A covering letter setting out your reasons for applying and how you consider that you meet the person specification for this post.

Applicants are encouraged to find out more about Energy Sparks at <http://www.energysparks.uk>

For an informal discussion about the role, please contact, Claudia Towner, Energy Sparks CEO on hello@energysparks.uk or 01225 723924

To be considered for this role, all applicants must currently have the right to work in the UK or will have secured the right to work in the UK by the date of commencement of employment.

Energy Sparks is an equal opportunities employer and welcome applications regardless of race, sex, disability, religion/belief, sexual orientation or age.