



Job Title:	Renewable Energy Specialist
Department:	Sustainability
Reports to:	Principal Renewable Energy Manager
Direct Reports:	None
Location:	Remote but connected
Contract Type:	Permanent
Grade:	CA5

Main purpose of the job

Reporting to the Principal Renewable Energy Manager, the Renewable Energy Specialist will play a key role in the end-to-end development of renewable energy schemes across the United Kingdom. The role will focus primarily on solar PV projects, from early feasibility and concept design through to delivery and operational support. You will be responsible for producing high-quality solar PV designs, undertaking technical assessments, and developing robust business cases to support investment decisions. This will include financial modelling, risk assessment, and evaluation of planning, grid, and land constraints.

The Renewable Energy Specialist will work closely with internal and external stakeholders, including consultants, contractors, network operators, and local authorities, to progress projects effectively. The role will also support the operation and maintenance of existing solar assets, helping to optimise performance, troubleshoot technical issues, and ensure assets operate safely, efficiently, and in line with regulatory requirements.

The position requires a proactive, technically competent individual with a strong understanding of renewable energy technologies, project development processes, and the UK energy landscape, capable of contributing to the organisation's wider decarbonisation and net-zero objectives.



Specific

- Apply your technical expertise to develop detailed solar PV designs, including battery storage solutions, using specialist software such as PVSyst (or similar tools).
- Work closely with a wide range of people, collaborating with internal teams and external partners to gather key information and help shape the delivery of renewable energy projects.
- Take an active role in driving renewable energy projects forward, working with consultants and our supply chain to prioritise, coordinate, and deliver project development activities to agreed timescales.
- Lead the identification and management of project risks and issues, establish clear risk and issues logs and driving practical solutions to mitigate challenges associated with rolling out renewable energy infrastructure across the Mining Remediation Authority's estate, ensuring projects are safely and successfully handed over for installation.
- Support ongoing solar maintenance activities by working closely with our solar operations and maintenance provider to coordinate annual safety inspections, review performance and inspection reports, and flag any emerging risks or issues to management
- Co-ordinating and ensuring the timely submission of quarterly data to Ofgem and Feed-in-Tariff supplier
- Supporting the Renewable Energy programme by contributing to scope of work, specification and scoring of tender returns for renewable energy scheme procurement activities.

Responsibilities

Specific

- Reviewing all Mine Water Treatment Schemes (MWTS) to identify those that would benefit from renewable energy, with attention to current energy use, and land available and required to deploy renewable technologies.
- Attending MWTS and liaising with stakeholders to identify risks and challenges for each renewable energy scheme.
- Production of assessments and mitigation and or management actions



- Supporting/facilitating site visits to our MWTS with consultants or renewable energy developers.
- Production of project briefs and detailed business cases in line with the Five Case Model, that focuses on Strategic, Economic, Commercial, Financial and Management
- Contributing to and supporting the development of future renewable energy delivery plan.
- Coordinating solar PV operation and maintenance activities with our solar O&M provider and internal colleagues.
- Solar O&M budget tracking and management of maintenance budget.

General

- Act in line with the behaviours and values of the organisation
- Manage your own performance to be accountable for meeting individual, team and corporate objectives
- Act in accordance with the Scheme of Delegation and ensure propriety and regularity in the handling of public funds
- Actively demonstrate the Mining Remediation Authority's customer service standards expected of your role
- Follow and contribute to the improvement of operational and team processes and procedures
- Assist with the preparation and delivery of the team's objectives, budgets and financial records
- Identify opportunities and implement change leading to team development, system improvement and ensuring good value for money
- Maintain and develop positive stakeholder relationships in order to promote the Authority and assist it to meet its objectives
- Support research and development projects
- Ensure that the Authority's statutory responsibilities are effectively discharged
- Carry out any further reasonable requests from your line manager



Values in Action

We expect all our colleagues to embody our core values and behaviours in their daily work.

Trusted

- We act with integrity
- We're open and transparent
- We deliver on our commitments

Inclusive

- We promote a culture of mutual respect
- We recognise that our differences make us stronger
- We work with others to achieve our vision

Progressive

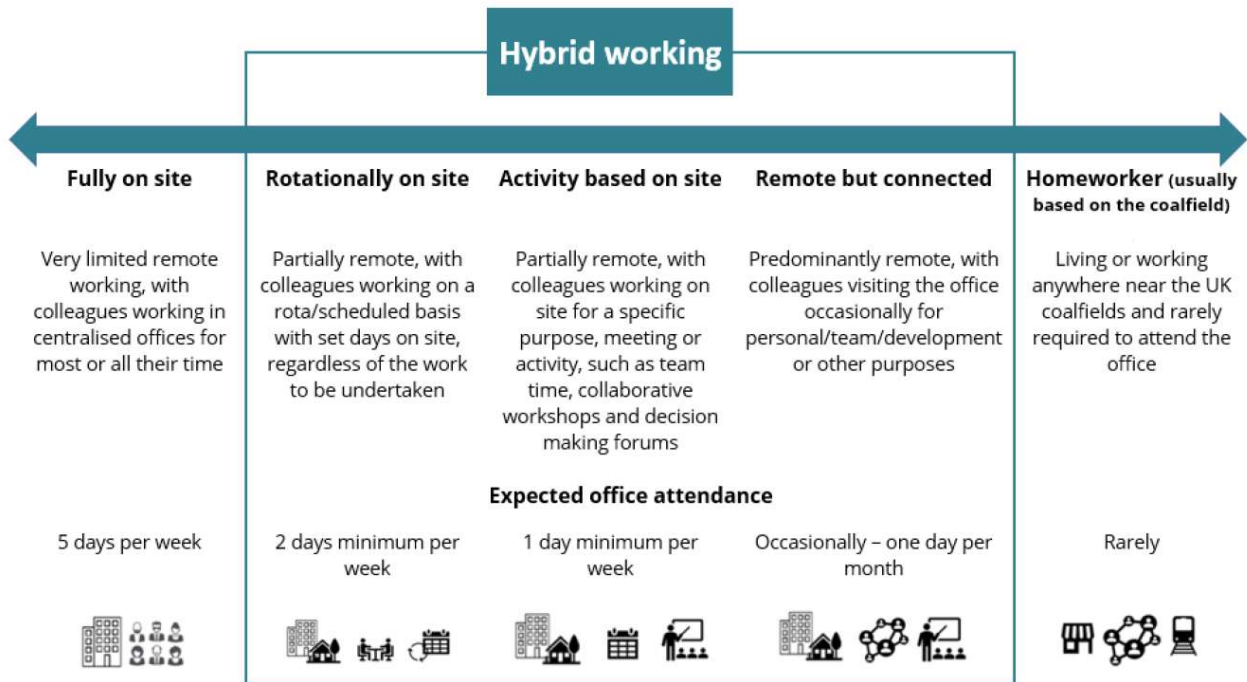
- We're open minded and innovative
- We recognise that the past can help us shape the future
- We listen and learn

Our Values in Action framework outlines important behavioral indicators which help us demonstrate our values through our work together.



Hybrid Working Model

This role sits within our Hybrid Working Model. The designated hybrid arrangement for this post is outlined under "Location" on page 1 of this Job Description and reflects the requirements of the role and the organisation. Hybrid working arrangements may be reviewed and adjusted if business needs change.





Person specification

Job Title: Renewable Energy Specialist Department: Sustainability		
	Essential	Desirable
Qualifications and Training	<ul style="list-style-type: none"> Electrical or renewable energy qualification 	<ul style="list-style-type: none"> Degree or postgraduate degree related to renewable energy, sustainability or environmental management. Health and safety qualifications.
Experience and Knowledge	<ul style="list-style-type: none"> Knowledge of different solar PV technologies, components and systems. Previous experience in designing ground mounted solar PV systems with and without integrated battery storage, with the use of specialist solar design software. Knowledge of the UK energy industry and grid connection procedures. Awareness of the UK planning processes. Experience conducting financial appraisals for renewable energy investments 	<ul style="list-style-type: none"> Experience with CAD software. Experience in project management. Experience in contract management and managing external consultants and contractors.



Skills and Abilities	<ul style="list-style-type: none">• Strong technical skills in solar PV design using software such as PVSyst or similar.• Ability to produce compelling business cases.• Great at prioritising workloads with strong organisational skills.• Good attention to detail with analytical problem-solving skills.• Ability to give clear written instructions and maintain accurate records.	<ul style="list-style-type: none">• Able to work on own initiative to build effective working relationships with colleagues internally and externally.
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