

Energy Analyst – job description



Regen is an equal opportunities employer and we encourage applications from all individuals regardless of gender, age, sexuality, class, religion, politics or ethnicity. We are especially keen to receive applications from groups that are currently underrepresented in our industry such as those who identify as women, people living with a disability or who are from a Black, Asian and Minority Ethnic background.

About Regen



We are at the start of the most important decade in human history. Over the next ten years we have to turn the tide on carbon emissions.



Merlin Hyman , chief executive of Regen

Regen's mission is to support and accelerate the transformation of the energy system to a zero carbon future. We have a strong track record of influencing policy and markets to drive renewable energy generation, cut energy demand and shift to a smarter energy future. However, given the scale of the challenge, we know we now need to step up our work and our impact on key energy policies and markets.

Established in 2003, Regen is a not-for-profit company limited by guarantee, owned by its membership of over 150 organisations at the forefront of the energy transition. We have an expert team of 27 committed people based at our office in Exeter.



Our approach



Mission led: Everything Regen does is about the transition to clean energy to combat climate change. We are owned by our members and have no shareholders to keep happy, so we can work where we think we can have the greatest impact – from developing models of the future energy system to underpin policy and investment decisions, to supporting community energy groups.



At the heart of the energy sector: Regen is at the heart of a network of organisations working to transform our energy system. With over 150 member organisations, management of the Electricity Storage Network, a pioneering network promoting diversity and some of the leading events in the industry, this is a unique place to develop your skills, networks and profile.

Evidence and knowledge based: Regen believes that the best way to influence people is to present arguments and information that is based on a deep knowledge of the energy sector and is backed up by evidence and data. Our energy analysts are therefore a fundamental part of what we do, whether we are working for a community group, government or a large corporation.



A unique place to work: Regen is built on a shared commitment by a team of talented people to make an impact. Our culture is based on trusting and empowering our team and challenging ourselves to do excellent work that drives forward our mission.



Our work

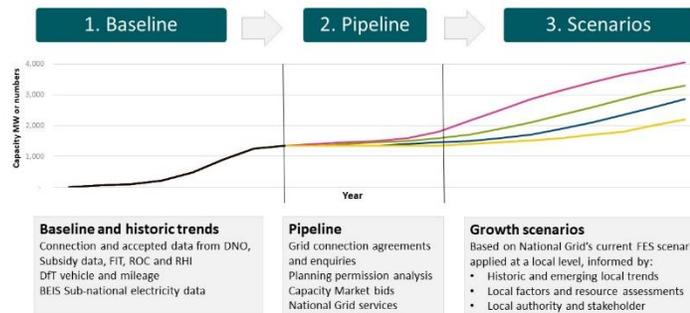


Regen strategy is based on cutting-edge energy expertise, market insight and analysis capability. Our mission-led status enables us to work closely with organisations that are at the forefront of the energy industry transformation to shape future policy, develop new markets and to exploit technology innovation.

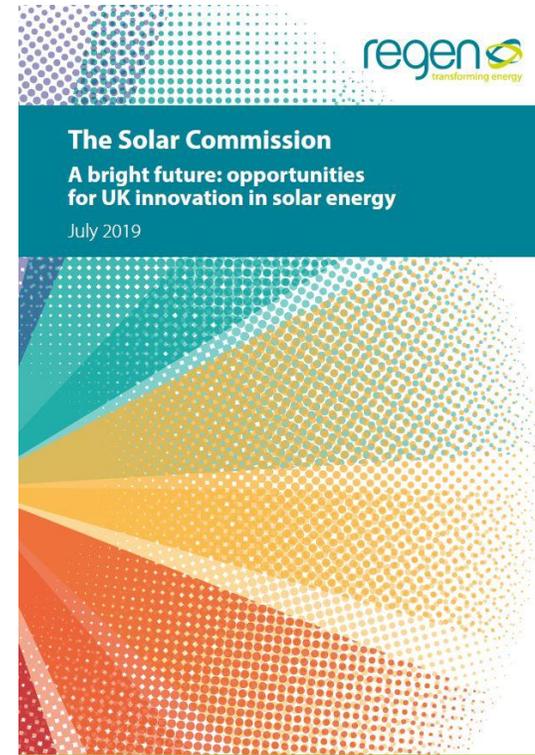


EWiRE paper launch at the House of Lords

Distribution FES scenarios methodology

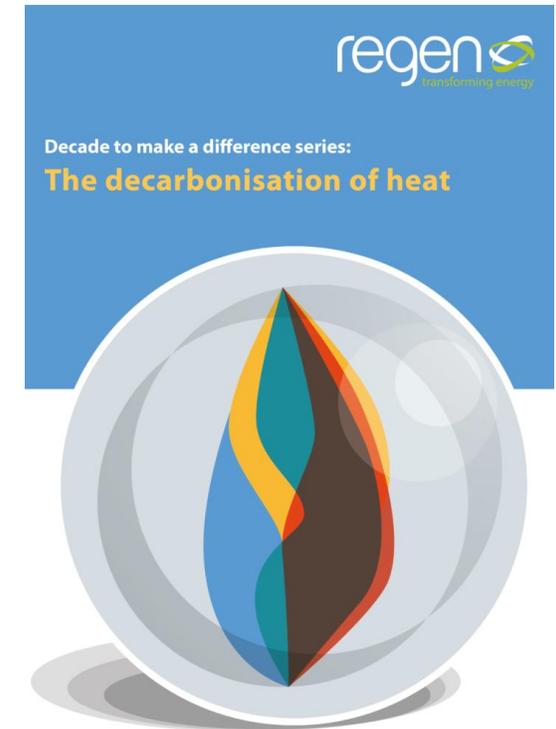


Distribution Future Energy Scenarios



The Solar Commission
A bright future: opportunities
for UK innovation in solar energy
July 2019

Market insight paper on the
future of solar



Decade to make a difference series:
The decarbonisation of heat

Market insight paper on the
decarbonisation of heat

The role: Energy analyst



Regen currently has a vacancy for a vibrant, energetic, and highly motivated energy analyst with **one or two years** industry experience to join our team.

The role of our energy analysts is to gather, analyse and produce outputs from a wide range of energy and other data to support Regen's work to shape public policy, develop strategic insights to the energy sector and support the pathway to zero carbon.

What you'll be doing:

- Working collaboratively across Regen's expert teams to collate, validate, analyse and communicate data necessary for our impactful work.
- Using a variety of software packages such as Microsoft Office, QGIS, SQL, Python and Adobe CC to produce valuable analytics and resources.
- Communicating spatial data through engaging graphics with GIS and Adobe CC.
- Maintaining client relationships throughout the project process to ensure valid data delivery.
- Responding to press enquiries and producing graphics for use in the media.
- Forging links and relationships with partners to improve our data and information management.
- Learning about the energy sector, as well as providing your own insight and knowledge to support our work

About you



Your approach:

- An attitude and approach that suits a knowledge-based, dynamic and collaborative work environment
- A strong commitment to quality, with an excellent eye for detail
- Confident, diligent and analytical
- An ability to respond positively to challenges and tight deadlines
- Ability to build relationships in person and while remote working
- Personally committed to Regen's mission and values
- Ability to understand the big-picture objectives alongside detailed analysis
- Ability and enthusiasm to learn new skills

A desire to work in the energy sector and to have an impact to accelerate the transition to a net zero future is a fundamental requirement of the role

Your skills and abilities



Desirable skills and abilities:

- Educated to degree or masters level (or equivalent qualification) with good grades in a relevant subject[#]
- Demonstrable commitment and drive, excellent team working with the ability to plan and organise own workload
- 1-2 years experience within the energy industry (or related sectors)*
- Proactive approach to deliver high quality work and impact
- Experience using a range of analysis software or programming languages, including for example: MS Excel, SQL, GIS and Python
- Excellent communication and writing skills. You will be asked to give a short presentation at interview

[#] We welcome applications from a wide range of subjects, our energy analysts would generally be expected to have a high degree of numeracy and analysis skills – so may have studied engineering, natural sciences, geography, economics, environmental sciences, mathematics, renewable energy

*If you don't yet have the industry experience required for this role, Regen also has an intern programme and we would welcome expressions of interest to that by sending a CV to Katrina at kjackson@regen.co.uk

Salary and benefits



Job title

Energy analyst

Location

Exeter based but potential for some remote / flexible working

Reports to

Head analyst

Salary

£24,000 - £26,000 depending on experience

Annual bonus

Bonus scheme, depending on company performance

Contract

Permanent

Employee benefits

- 25 days paid holiday, increasing in annual increments to a maximum of 30 days (+ bank holidays)
- Flexible and remote working potential
- Cycle to work scheme
- Interest-free rail season ticket loans
- Childcare vouchers
- Enhanced maternity leave
- 7% employer pension contribution
- Continuing professional development plan for all employees
- Bonus scheme details available at interview

Application



Interested candidates should send a CV, with a covering letter outlining their suitability for the role, interest in energy and why they wish to work for Regen, to Katrina Jackson kjackson@regen.co.uk by **10 January 2021**.

Due to the volume of applications, candidates will be notified to confirm their application has been received, only shortlisted candidates will be notified of the interviews taking place from the week commencing **25 January 2021**.

Discover more about Regen

See more of our cutting-edge work on the Regen website:

www.regen.co.uk

The Solar Commission
A bright future: opportunities for UK innovation in solar energy
July 2019

regen transforming energy

The stalled deployment of onshore wind in England in 2019
Wind Communities 2019 - Source: BEIS RPS

Only three onshore wind farms were completed in 2019, a fourth site was developed in late 2018 and first generated in 2019. Only one wind farm in 2019 was completed under current onshore wind policy - Withernick extension - the rest could take advantage of legacy support such as the FIT or CfD.

- Withernick extension - 8.2 MW
No subsidy - extension to existing site
- Common Barn - 6.15 MW
Awarded a CfD in 2015
- Accolade Wines - 2.5 MW
Pre-accredited for the FIT

Though one of the cheapest forms of electricity generation overall, onshore deployment has rapidly declined in England since 2016.

- Wind farms developed that year

2016 2017 2018 2019

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Graphic by Frankie Mayo for Regen

	Awel Aman Tawe Community owned by local community	Pen Y Cymoedd Privately owned by Valerik, Swedish wind farm developer
Size:	4.7 MW 2 turbines	228 MW 76 turbines
Project cost:	£ 8.2m	£ 400m
Community fund over lifetime of project	£ 3m	£ 34.2m
Community fund (£ per MW)	£ 638k	£ 150k
Local jobs	3	23
FTE jobs created (per MW)	0.64	0.1
FTE jobs created (per £m invested)	0.36	0.06

Energy Generation in Wales 2018

Uyendaf Cymru Welsh Government

Graphic showing various energy sources like wind turbines, solar panels, and power lines in a landscape.

Energy Networks for the Future
A dialogue about the future of the electricity distribution networks

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November 2019

SP ENERGY NETWORKS

Decade to make a difference series: The decarbonisation of heat

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Graphic showing a stylized flame or energy source.