

Energy Analyst Internship Programme 2021



Internship opportunity summary

Regen is seeking to recruit two interns to join our team on a paid 6 month internship to start in **July or September 2021**:

- Intern energy analyst – focus on energy systems, data analysis and technology,
- Intern energy analyst – focus on energy policy and impacts, smart energy and digitalisation

Both internship roles are intended to provide a broad introduction and understanding of the energy sector, while allowing interns to develop their analysis and communication skills. In previous years around half our interns have continued to work for Regen on a permanent basis, while others have gone on to careers within the energy sector.

Deadline for application, in the form of a covering letter and CV, is **06 June 2021**

Interview dates will be arranged from week beginning **21st June 2021**

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 or 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.



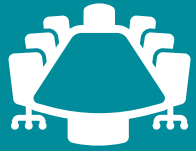
Merlin Hyman , chief executive of Regen

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 30 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

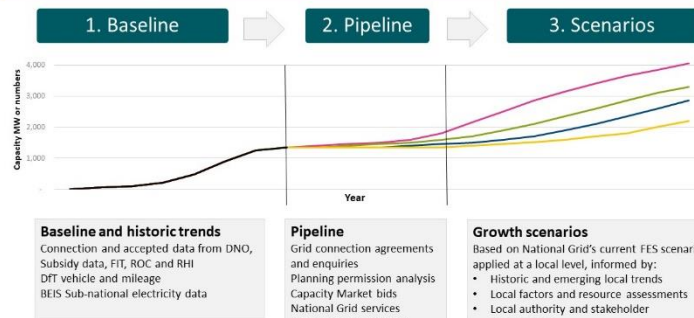


Regen's strategy is based on cutting-edge energy expertise, market insight and analysis capability. Our mission-led status enables us to work closely with organisations that are at the forefront of the energy industry transformation to shape future policy, develop new markets and to exploit technology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



EWiRE paper launch at the House of Lords

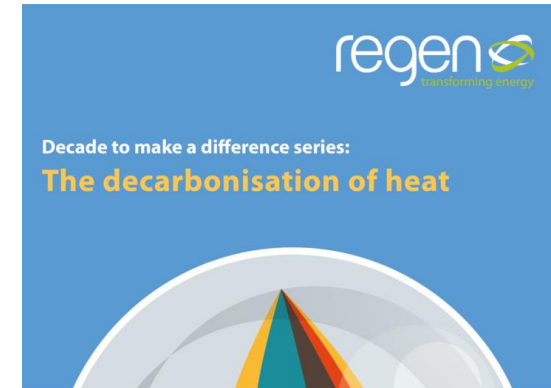
Distribution FES scenarios methodology



Distribution Future Energy Scenarios



Market insight paper on the future of solar



Market insight paper on the decarbonisation of heat

The role: Energy analyst Intern



Regen currently has vacancies for two vibrant, energetic, and highly motivated energy analyst interns to join our team. Both roles will be predominantly project based and there is considerable overlap and opportunities for cross team working.

- **Intern energy analyst – energy systems, data and technology**, would work mainly within our energy analysis team; to gather evidence, analyse data and produce outputs to support the pathway to zero carbon.
- **Intern energy analyst – energy policy and impacts, smart energy and digitalisation**, would work across a variety of projects researching the energy market, policy analysis, conducting surveys and engaging with industry stakeholders, providing evidence and drafting reports and other communications

What you'll be doing:

- Researching and summarising ongoing sustainable energy market developments
- 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.
- Drafting reports on agreed topic and presenting to team
- Compiling datasets for future energy scenarios
- Forging links and relationships with partners to improve our sector engagement.
- Learning about the energy sector, as well as providing your own insight and knowledge to support our work
- Working on a project of your own choosing

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



Curious, diligent and analytical



An ability to respond positively to challenges and tight deadlines



Ability to build relationships in person and while remote working



Independent, non-conformist, nerdy and critical thinkers are welcome



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[#]
- Energy or other industry experience
- Experience using a range of analysis software or programming languages, including for example: MS Excel, SQL, GIS and Python*
- Demonstrable commitment and drive, excellent team working with the ability to plan and organise own workload
- Proactive approach to deliver high quality work and impact
- 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, IT, renewable energy. We also welcome applications from arts and humanities subjects who can demonstrate analytical and communication skills, and have a strong interest in energy.

*Interns will also have an opportunity to develop these skills

Salary and benefits



Job title	Energy analyst intern
Location	Exeter based but potential for some remote / flexible working
Reports to	Head analyst/ Senior project manager
Salary	£20,000 per annum
Relocation	£750 relocation allowance
Annual bonus	Bonus scheme, depending on company performance
Contract	6 months, with potential to lead to a permanent post

Employee benefits

- Pro rata 25 days paid annual holiday, (+ bank holidays)
- Flexible and remote working potential
- £750 relocation payment, part of our policy to ensure roles are open to a diversity of candidates
- Cycle to work scheme, interest-free rail season ticket loans
- Childcare vouchers
- 7% employer pension contribution
- Continuing professional development plan for all employees
- Bonus scheme details available at interview

Application dates and process



Applications

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 **06 June 2021**.

Applicants may express a preference for either role or apply for both roles. Please make this clear in the covering letter.

Interviews

Interviews are planned to commence from the week commencing **21 June 2021**.

- At interview stage candidates will be asked to give a short presentation

Start dates

Internships are planned to start from July 2021 or September 2021, with some flexibility by arrangement.

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

regen transforming energy

Graphic by Frankie Mayo for Regen

	Awel Aman Tawe Community owned by local community	Pen Y Cymoedd Privately owned by Valerick, 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

Uyiradeth Cymru Welsh Government

regen transforming energy

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

November 2019

SP ENERGY NETWORKS

Decade to make a difference series: The decarbonisation of heat

regen transforming energy