

PROFESSIONAL SUPPORT TO THE WIND INDUSTRY



Realise Energy Services

SPRING NEWSLETTER 2023

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Visit us at



10th and 11th May
SECC, Glasgow
Stand G33

Realise will be exhibiting at All-Energy 2023 on the 10th and 11th May at the SECC in Glasgow.

Come and find us on Stand G33 to learn more about our products and services.

For more information about All-Energy please visit:
All-Energy | Renewable Energy Event

Please click here to register your free attendance:
[Enquire \(all-energy.co.uk\)](https://all-energy.co.uk)

To find Realise, the exhibition floor plan can be found here:
[EXPOCAD FX \(rxweb-prd.com\)](https://rxweb-prd.com)

NIE SSG Consultation



The Northern Ireland Energy Strategy - The Path to Net Zero Energy - outlines a range of recommendations and policies to achieve a 56% reduction in energy related emissions, including delivering at least 80% of electricity consumption from a diverse range of renewable resources.

NIE Networks, working alongside the System Operator for NI (SONI) recognise the important role Small Scale Generation (SSG) plays in achieving the wider objectives of the Energy Strategy for Northern Ireland, and as a result of this NIE Networks is considering an update to SSG Connection Offers and Agreement.

It is important to note that without the proposed update to SSG Distribution Connection Offers and Agreements, NIE Networks will remain in the position that it cannot currently issue SSG export Distribution Connection Offers as per SONI's recommendation on the grounds of system security concerns.

Therefore, NIE Networks is launching a consultation to gain feedback from stakeholders on a proposal to amend existing distribution connection offer policy for exporting generators with a registered capacity less than 5MW. The consultation paper can be viewed at the link below.

NIE Networks invites interested parties to respond to this consultation by responding to the three questions outlined in the consultation paper. Responses should be sent electronically to connectiondesign@nienetworks.co.uk by 5 pm on **Friday 12th May 2023**.

The responses will be analysed by NIE Networks and SONI and will be used in the development of a decision paper that will publish the result of this consultation and new connection process go live date.

click the link below to view the consultation paper
www.nienetworks.co.uk/generation-consultation

Realise Energy Services launches Wind Technician Apprenticeship Scheme

Realise Energy Services, together with Dundee and Angus College, have recently launched an Apprenticeship Scheme for two Multiskilled Modern Engineering Apprentices employed as Wind Turbine Technicians to be located in our Perth HQ.



The Engineering Apprentice scheme supports the Company's aim of being recognised as an excellent place to work, to attract, retain and further develop entry-level roles within the wind sector, providing career progression opportunities for those with promise and ability.

The apprenticeships are Level 3 Scottish Vocational Qualifications (SVQ) in Electrical and Mechanical Engineering. For the first year, apprenticeships will attend college 1 day a week at Dundee & Angus College in Dundee. All other aspects of training will be delivered on-site with Realise.

As an Engineering Apprentice working as a Wind Turbine Technician they will be joining a fast moving Company at the core of the UK wind industry. If you know of anybody looking for a new opportunity who has a real passion for wind energy, please ask them to click apply on the Realise Energy Services website



3G NETWORK TO BE PHASED OUT



Vodafone has become the first major mobile network to switch off 3G in parts of the country with other networks set to follow. The Government has set a deadline for 3G to be turned off by 2025 and 2G by 2033 - though some networks will do so sooner.

The switch off is most likely to be an issue for users of Sim cards that can't connect to newer 4G or 5G networks. It means that if you have a Sim that only supports 3G, you will no longer be able to conduct most data related tasks once your network turns it off, (you'll technically still have access to the internet on 2G but the speeds will be so slow it won't be sufficient to control your turbine).

Here's when the major mobile networks plan to turn off 2G and 3G:

- **Vodafone:** The 3G switch-off began in February 2023 in Basingstoke and Plymouth initially, with further locations to be announced. Vodafone hasn't said exactly when 2G will be turned off yet.
- **EE:** 3G will be switched off in early 2024, with its 2G network to be switched off "later in the decade".
- **Three:** 3G will be completely turned off by the end of 2024. Three doesn't use the 2G network.
- **O2:** Yet to confirm exact dates

If you look after your own turbine data communications, please check your sim compatibility.

Realise committed to SafetyOn membership



SafetyOn is the health and safety organisation for the onshore wind sector. Providing leadership in health and safety ('H&S') for the onshore wind industry.

They ensure transparency about the industry's H&S performance, as well as assisting industry stakeholders like Realise to see that key emerging risks are mitigated through co-operation and shared learning.

SafetyOn work to:

- provide health and safety leadership across the onshore wind sector;
- seek participation of companies from across the onshore wind sector;
- monitor and gather data on the health and safety performance of the sector;
- make use of and ensure effective communication of new and existing good practice and experience both from the UK and internationally;
- seek to share knowledge and good practice with associated sectors, including offshore wind, conventional generation and power networks.

Realise committed to SafetyOn membership...cont



The intention is to establish an open network of safety and health experts, professionals and stakeholders to promote a strong, sustainable and continually improving health and safety culture. Thousands are employed in the UK's onshore wind industry, and SafetyOn is playing a part in making sure they go home safely.

Integral to Safety On's culture are the Wind Turbine Safety Rules (WTSRs), a model set of Safety Rules and procedures to help formalise a Safe System of Work (SSoW) to manage the significant risks associated with a wind turbine, both onshore and offshore. They have been developed by wind farm owners and operators for the purpose of achieving both general safety and safety from the system - a process that safeguards persons from the mechanical plant and LV apparatus and the associated system derived hazards.

As a Tier 2 Member of SafetyOn, Realise Energy Services is part of a large network of health and safety experts and regularly attends events and receives up to date publications and advice to ensure its own health and safety policies and work practice are robust and up to date.

New Realise staff additions

Scott - Stores Coordinator

Realise is pleased to welcome Scott to the Company to act as our Stores Coordinator. Scott will be responsible for managing the control of stock items and tools across multiple Company premises on behalf of the business and its service teams and their vehicles in conjunction with the finance and operations teams to minimise delay in on site activities.

Luis and Kieran - Technicians

Realise is also pleased to welcome to the growing team, two more skilled technicians to support customers turbines. All bring considerable hands-on experience and no doubt many of you will get to meet them in person over time.



REALISE OFFERS THE FOLLOWING RANGE OF SERVICES:

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- **A wide range of Service and Maintenance Contracts**
 - **Turbine decommissioning**
 - **Turbine Supply and Installation**
 - **Turbine Inspection and Reporting**
 - **Control and SCADA System Upgrades**
 - **Turbine Performance Optimisation**
 - **Blade Inspection and Repair**
 - **Site Maintenance**
 - **Research and Development**
 - **Turbine Brokerage**

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