



POWER YOUR FUTURE WITH ONGEN

OnGen Updates, Award Wins and Industry News

Welcome to OnGen's 13th newsletter. We hope you are keeping safe and well during this cold and challenging winter. 2020 proved to be a challenging year but also OnGen's most successful, with customers able to access OnGen's tools online to carry out feasibility assessments for onsite renewables and energy efficiency interventions. This is of particular importance for public sector customers applying for funding through the Public Sector Decarbonisation Scheme.

The highlights include:

- **Large uptake in new customers driving towards a Net Zero target**
- **Two prestigious industry awards won**
- **New technologies added and**
- **New team members**

2020 was the greenest year for electricity generation in the UK, with solar and wind setting new generation records. 2021 has started positively with the US re-joining the Paris Agreement. While we continue to work from home, now is a great time to take the first step towards installing onsite renewables and energy efficiency measures using OnGen's feasibility assessment software tools.

Awards

We are honoured to have been awarded the VIBES Scottish Environmental Business Award 2020 for our environmental efforts during 2020. This award is a great achievement and highlights our strong efforts towards being a sustainable business and helping organisations reduce their carbon emissions.

We look forward to celebrating receiving this award along with the other award winners at the VIBES 2021 webinar.



Our latest virtual award ceremony took place in January, when we attended the Renewable Energy Association (REA) 2020 Awards. OnGen was nominated for the Smart Energy System award and Izzy Rich, our Senior Account Manager, was nominated for Young Renewable Energy Professional award. We are thrilled to have been awarded the Smart Energy System award.

The REA judges commented on OnGen, "Their software is both accessible and tangible. This program enables developers to use its outputs to secure investment, and will no doubt have a huge impact on future decision making."

OnGen are excited to have also been shortlisted for the Special Award for Contribution to Net Zero Carbon as part of the Decentralised Energy Awards. We are looking forward to the award ceremony in June 2021.

OnGen Newsletter

February 2021

Time for Change With COP26

With COP26 planned to take place in November this year at Glasgow's SECC, OnGen is excited to have a global climate event taking place on our doorstep. COP26 is expected to be a ground-breaking event after Joe Biden re-entered the United States into the Paris Agreement earlier this year and other countries, including Japan and South Korea, also announced net-zero goals in 2020. Furthermore, COP26 is the 5-year anniversary of the signing of the Paris Agreement. Therefore, each country's action plan for aligning with the Paris Agreement is expected to be published in the run-up to the event. It is hoped that there will be a global increase in climate policies being announced to help support reaching net-zero targets as we approach COP26.

We believe that an increase in renewable energy is key to reaching net-zero targets and aligning with the Paris Agreement. If you are interested in finding out if onsite renewables will help meet your organisation's climate targets, contact OnGen today.

New Customers

We are delighted to welcome new and valued customers to the expanding OnGen client base. Our range of private and public sector companies now includes the North Tyneside Council.



North Tyneside Council

Please contact sales@ongen.co.uk for any enquiries.

Social Media

Keep up to date with the latest industry and OnGen news.



[OnGen Ltd](https://www.ongen.co.uk)



[@OnGenLtd](https://twitter.com/OnGenLtd)



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OnGen lead successful pilot with the North East Yorkshire Humberside Energy Hub

A pilot project with the North East Yorkshire Humberside Energy Hub has been crowned a 'huge success' by the hub manager, Paul Taylor. During this project, OnGen have assessed 83 sites across 12 local and combined authorities, identifying the potential for onsite renewables.

Paul Taylor commented on this project, *"The outputs from the pilot have been a huge success, with public bodies identifying investable decarbonisation schemes where they have not had the tools and expertise to do so before."*

Local councils that were part of this scheme have used the OnGen Expert's™ outputs to secure funding to deploy onsite renewable energy generation technologies.

New renewable heat technologies



Air source heat pumps were launched late last year and, after roof mounted solar PV, have become the second most popular technology for customer assessments. These site-specific assessments calculate the co-efficient of performance for a range of systems adjusted to reflect the local average temperature.



Continuing the theme of adding alternative renewable heat technologies to the OnGen Expert™, solar thermal feasibility assessments will be available in Q2 2021.

2020: the greenest year for UK electricity

2020 has been a record-breaking year for renewable energy in many respects, highlighting the resilience of the energy industry during this especially tough period. National Grid announced that 2020 has been the greenest year for UK electricity. 2020's renewable energy records include the UK being coal free for 5,147 hours during the summer months and the highest level of wind generation being recorded, with wind contributing a record 59.9% of the electricity mix on the 26th of August. In addition, Ember's latest report communicates that renewables beat fossil fuels as the UK's primary source of electricity, with 42% of the UK's electricity being generated by renewables in 2020 compared to 41% contributed by fossil fuels.

The rate of renewable installations in 2020 has not abated, with the International Energy Agency reporting that the global capacity of new renewables has increased by 200GW during 2020. The UK's solar PV installations also have increased by 27% in 2020 when compared to 2019, with a total of 545MW of solar being installed. With all these milestones achieved in 2020, it is hoped that 2021 will be an extremely promising year for the renewable energy industry.

OnGen Chair Judith Halkerston awarded an OBE

We are proud to announce that Judith Halkerston, Chair of OnGen, has been awarded an OBE in the New Year Honours List 2021 for her services to The Digital Economy. The OnGen team congratulates Judith in receiving this richly deserved accolade. OnGen are fortunate to have her level of expertise, support and wealth of experience to help develop and grow as a business.

Why you should still invest in heating technologies, even without the RHI

With the Renewable Heat Incentive (RHI) coming to an end, renewable heating options, including heat pumps and biomass, may yield lower financial returns. However, there are still plenty of reasons to invest in onsite renewable and low carbon heating options. Renewable heating technologies can still provide a significant cost-saving over traditional heating methods and should not be ruled out as an alternative heating source for your organisation. Reducing the cost of electricity at the site can also help heat pump technology have a higher cost-saving. For example, pairing a heat pump with solar PV or switching to a cheaper electricity tariff can help reduce the cost of running the heat pump, resulting in the technology having a better financial return.

Financial grants can contribute towards the cost of installation. The Clean Heat Grant should replace the RHI in March 2022 and will run until 2024. This grant will provide financial support of up to £4,000 for installing heat pumps and biomass in domestic and non-domestic buildings. Aside from the financial aspect, installing onsite renewable heat is a great eco-friendly option for reducing your organisation's carbon emissions and is ideal for reaching net-zero targets. If you are interested in finding out if renewable heat could be feasible for your business, contact OnGen today.