



Geo Green Power

www.geogreenpower.com

0800 9883188

It's been a difficult few months for everyone. We hope you are all well and offer our deepest sympathies if you or a member of your family or friends has been badly impacted by the Covid-19 pandemic.

We've been fortunate and continued to operate in a limited way, keeping customer systems up and running with maintenance and service.

As we begin recovering from the Covid-19 pandemic, we look towards the potential for a green recovery that focuses on carbon neutral and carbon reduction investment and growth. The six key principles set out by the Committee on Climate Change give us hope that as a country we can reduce greenhouse gas emissions and rebuild the economy with a climate focus. As business leaders and MPs join the appeal for a commitment to a 'green recovery' we're confident that renewable energy will become a vital aspect of the UK economy in the coming months and years.

We're 10 years old!

10 YEARS
2010-2020

In May we celebrated 10 years of renewable energy installations. Having limited our celebrations for our 'lockdown' birthday, we're looking forward to doing something more momentous to mark this milestone later in the year - watch this space!

Since May 2010, when we began installing solar PV for homes and businesses, we've gone from strength to strength, expanding our operations and developing our expertise to include heat pump installations, biomass and other renewable and energy efficient technologies.

Our achievements over the last decade include significantly growing our team, building our own offices and being recognised with industry awards. We're very much looking forward to what the next 10 years of renewable energy will look like!

Geo Green Power
Green Barn, Costock Road,
Wysall, NG12 5QT
info@geogreenpower.com

Solar for Synectics Solutions



When Synectics Solutions moved into their Hamil Road offices in Stoke-on-Trent they were very excited about making use of their new vast roof space and generating their own solar power.

Synectics Solutions were looking to reduce costs and improve their sustainability. They chose Geo Green Power because the solution we proposed did both and offered the best value for money. Their office now has a 229kW solar PV system that will generate 194MWh of electricity and save 88 tonnes of CO2 every year.

Nathan Clews, Synectics Facilities Team Manager, was delighted with how the installation went. He said: "Throughout the whole process Geo Green Power communicated effectively with the project manager and stakeholders to ensure the process was flawlessly managed."

"The team worked tirelessly to complete the installation within 3 weeks from start to finish."

The solar PV system is now offsetting 40% of the office's electricity demand and saving around £2,000 every month.

As Synectics continue their green energy journey, our next project will extend the number of Electric Vehicle charging bays on offer to their employees.

If you want to see what it takes to bring a renewable solution to a business, check out our drone footage on our website at bit.ly/GGPSynectics

**Homebuilding
& Renovating
Show**

**We hope to see
you next year**

Just like many of you our Spring plans were changed and cancelled, and we didn't get the opportunity to meet you at the Homebuilding & Renovating Show in March. However, we've decided to exhibit next year instead and are looking forward to seeing you in 2021!

From 25 - 28 March 2021 we'll be at the National Homebuilding & Renovating Show at the NEC, Birmingham sharing the benefits of renewable energy installations.

Summer 2020



Research and Development

Geo Green Power was established to enable investment into renewable energy. Although the business has grown commercially, it is still run on a 'not for profit' basis with all our profits and available assets reinvested into research and development.

At any one time we are carrying out multiple research projects with the aim of improving the renewable energy systems currently available and developing new techniques and processes for the future. Many of these projects are funded by us, and we often work in collaboration with other organisations including major universities and the UK government.



We recently completed Efficient GeoTech, a 36-month project looking into how to make ground source heat pumps more efficient, dynamic and cost-effective. This project was undertaken in partnership with The University of Nottingham, Environmental Process Systems, Positive Homes and Solar Ready, financially supported by Innovate UK.

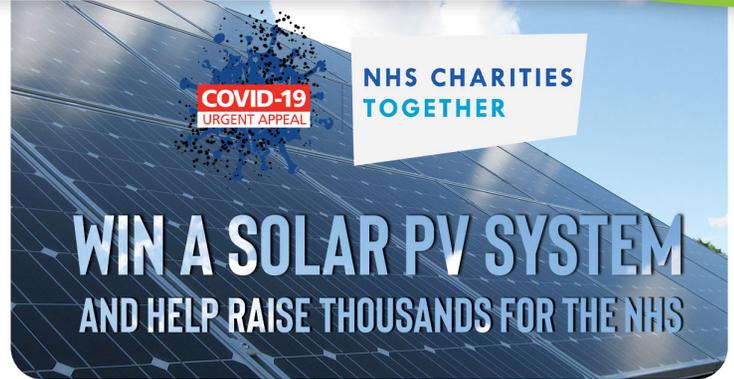
Efficient GeoTech successfully developed a new ground heat exchange with three key innovations that offer attractive savings both in terms of CO2 and money. The new ground heat exchanger is easy to install, significantly reducing installation time; improves ground conditions, without environmental damage; and uses water in the soil to the system's advantage. It was demonstrated that the total cost of ownership, factoring in maintenance, is significantly less than that of other low carbon technologies.

The team are currently working on Solar Heat Store, a project to develop a novel thermal energy storage battery using a supercooled phase change material solution to improve the energy efficiency of domestic hot water systems.

Our research and development team also work in close partnership with GeoPura, helping to develop new technology to provide off-grid, unlimited power using green hydrogen. GeoPura was launched last year and has already provided 100% emissions free, off grid electricity at the Goodwood Festival of Speed and the Polestar European Test Drive. Find out more at www.geopura.com

Follow us

Don't forget you can keep up to date with what we're up to by following:



The last few months have been difficult to say the least. But we all know that things could have been much worse, if it wasn't for our amazing NHS. **We've decided to give back and raise money for NHS Charities Together by giving away a solar power system!**

As we all look to the future, we're hoping that the UK's recovery will have a green focus and so with this in mind we wanted to give one lucky winner the chance to take the first step on their sustainable journey. Once installed, solar panels provide free, clean electricity, reducing your carbon footprint and your electricity bills.

As we go to print our total stands at £955. Our prize draw will take place on 16 July 2020 with the names of every person who has donated via our JustGiving page (bit.ly/GGPJG) and forwarded their details to us. For every £5 donated we will provide 1 ticket (max. 20 tickets per person), and any monies donated over £100 will be accepted as a donation. Terms and conditions available on our website geogreenpower.com.

Enter online now and share with friends and family so we can all thank the NHS together!

We won best solar PV installer!



We won Best Solar PV Installer/Contractor at the East Midlands Energy Efficiency Awards in March. We also collected Highly Commended for Renewable Heat Installer / Contractor and Commended for Large Scale Project.

It's always great to get industry recognition for our projects and the service we offer.

