



**THE FUTURE OF
PORTABLE POWER
IS HERE**

THE FUTURE OF POWER GENERATION IS HERE

Are you looking for a clean, reliable, and cost-effective solution for your power needs? Whether you need power for construction sites, events, telecoms, lighting, or emergency backup, we have the right solution for you.

We are Renewable Generation Limited, a hydrogen fuel cell generator rental business based in the UK. We offer a range of products and services to meet your power requirements, such as:

- ✓ **Daily or weekly rentals of hydrogen fuel cell generators**
- ✓ **Hydrogen gas supply and delivery**
- ✓ **Safety training and equipment**
- ✓ **Delivery and installation anywhere in mainland UK**
- ✓ **Technical support and maintenance**

WHY CHOOSE HYDROGEN FUEL CELL GENERATORS?

- ✓ **Zero-emission power:**
Hydrogen fuel cells produce electricity and water as the only by-products, eliminating the harmful emissions and noise of conventional generators.
- ✓ **High reliability:**
Hydrogen fuel cells are designed to operate in harsh conditions and provide consistent power output without interruption or degradation.
- ✓ **Improved efficiency:**
Hydrogen fuel cells are more efficient than combustion engines, consuming less fuel and reducing operational costs.
- ✓ **Scalable and flexible:**
Hydrogen fuel cell generators can be easily connected in parallel or series to provide the desired power level and voltage. They can also be integrated with other power sources, such as solar panels or batteries, to optimize performance and resilience.



WHAT PRODUCTS DO WE OFFER?

We offer three types of hydrogen fuel cell generators for rent:

EODEV GEH2 Generator:

This generator delivers up to 110 kVA of power in a compact and lightweight unit. It is equipped with the latest generation of fuel cells from Toyota, giving it exceptional durability and reliability. It can operate in standalone mode or in hybrid mode with diesel or gas generators or the grid. It has a 4G connection for remote monitoring and control. It is ideal for isolated sites, sensitive or confined environments, construction sites, events and emergency backup. [70kW GEH2 Brochure](#)



H2sys Boxhy Generator:

This generator provides up to 5 kW of single phase power in a portable and silent unit. It has an air-cooled PEM fuel cell integrated with a battery pack for hybrid operation. It has a very low noise output of less than 20 dB in silent mode and under 50 dB in boost mode. It has an IP23 protection rating and can operate in temperatures from -5 to +40 Celsius. It is suitable for telecoms, lighting, events, festivals, and construction. [5kW Zero Emission Generator](#)



H2sys Thytan Range 10 to 150 kVA:

This range consists of four models of hydrogen fuel cell generators that can provide power from 10 to 150 kVA. They are designed for off-grid and backup applications, such as telecoms, construction, events, and emergency services. They have a low noise level and zero emissions, making them suitable for urban and sensitive environments. They have a high efficiency and reliability, as well as a long lifespan. They can be easily connected in parallel or series to meet different power needs. They have a remote control and monitoring system, as well as a safety and protection system. These Gensets can operate in temperature range -5 to + 45 Celsius. [Thytan Range](#)



PARTNERS FOR HYDROGEN FUEL SUPPLY:

Canford Renewable Energy

We supply Green Hydrogen with our Rental Gensets from our partners Canford Renewable Energy. Giving you a turnkey rental service.

The gas is produced using solar power and one of the latest Hydrogen Electrolyser Plants. It is compressed into cylinders ready for delivery, all from their plant situated in Dorset.



PARTNERS FOR GENERATOR MANAGEMENT AND HYDROGEN SAFETY



Hydrologiq:

Hydrologiq are specialists in deploying and managing Hydrogen Powered Equipment. If you wish to be fully hands off, they offer a fully Managed Deployments service. This covers all aspects of planning, commissioning, and ongoing site O&M (including handling refueling) through their team of site engineers and planners and gives you access to real time energy, hydrogen and CO2 monitoring. Where you wish to own more of the operations, we engage them to integrate and closely work with your safety team to transfer the necessary working practices and provide you with the tools needed to operate hydrogen safely. Giving you the necessary competency to run hydrogen generators, through coaching, training and experience.



HOW TO CONTACT US?

Renewable Generation Limited

If you are interested in renting our hydrogen fuel cell generators or want to learn more about our products and services, please contact us by:

Email: sales@renewablegenerationlimited.co.uk

Phone: +44 (0) 7821869999

Web: www.renewablegenerationlimited.co.uk

We look forward to hearing from you and providing you with the best power solution for your needs.

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