



## GREEN ENERGY

L•A•S•E•R®

“Green” or “Renewable” energy comes from natural elements such as sunlight, wind, rain, tides, plants, algae and geothermal heat. All of these resources can be naturally replenished, making them safer for the environment.

At LASER, we are able to source Green/Renewable energy in the form of certificates. This is done under our OJEU compliant Flexible Gas and Electricity Frameworks and the certificates then match the type of energy customers consume from the grid. For example:



### Gas

The Biomethane Certification Scheme (BMC) is a system in which gas is produced from recycling plant material or organic waste. The green gas producer creates certificates in order for customers to receive their gas as usual whilst offsetting the emissions.



### Electricity

Renewable Energy Guarantees Origin (REGO) certificates are issued per megawatt-hour (MWh) of renewable generation fed into the UK's national grid. The supplier will match the equivalent certificates produced with your consumption in the same period. The electricity is largely generated from wind, hydro, biomass, sewerage/landfill gas or solar sources.



### Key benefits:

- Purchasing certificated green/renewable energy allows you to offset some of your consumption from the grid. This supports the development of renewable energy sources and can improve national energy security.
- The Business Energy product (supplying the REGO's) from Npower meets stringent carbon reporting requirements set by the World Resource Institute (WRI) for the Greenhouse Gas Protocol Scope 2 guidance 2015.
- The product has been verified by an independent sustainability body with a verification power to equal the highest standard offered by any electricity supplier.
- Green gas certificates sourced by Total Gas & Power (BMC) are from fully renewable sources and recognised by the WRI as offsetting carbon emissions for gas consumption.

How to incorporate Green Energy... →



## Green Energy and the LASER Framework

LASER incorporate provision for green energy within its Gas and Electricity frameworks to ensure that the suppliers chosen by the customers are able to provide certificated, accredited green/renewable energy. This is then sourced by LASER using the BMC and REGO scheme.

Whilst the certification scheme does help bolster green credentials, there are other, more direct ways to reduce emissions. A proven method applicable to most sites is through the installation of LED Lighting. LASER has a framework available for use by all public sector bodies and is designed to provide an OJEU compliant procurement route.

For more information on LED Lighting, please contact our team at [ledlighting@laserenergy.org.uk](mailto:ledlighting@laserenergy.org.uk).

## Points to remember

- 1 Purchasing certificated generation/supply of any kind does not provide evidence of an increase in renewable electricity/gas generation. This is a financial support scheme for the producers themselves.
- 2 Green certificates cannot be used to reduce emissions reported in government Schemes such as the Carbon Reduction Commitment (CRCEES).
- 3 Using Green Energy provides a way to aid green credentials that can help with meeting CSR objectives. There is the ability to lower reported emissions for electricity consumptions as set out by the Greenhouse Gas Protocol Scope 2 guidance 2015.
- 4 The best way of becoming "green" is to have on-site renewable generation or by reduction of consumption.

## About LASER

LASER is a leading energy procurement and energy management solutions provider for the public sector. We serve Councils, NHS Trusts and Universities as well as Schools and Blue Light Services. LASER is wholly owned by Kent County Council and has expertise and insight into public sector processes and requirements which allows us to deliver a valuable service to our clients.

## Additional Services

- Gas & Electricity Procurement Services
- Bureau & Energy Management Services
- LED Lighting Fixtures & Fittings
- Water Procurement & Liquid Fuel Services
- Energy Surveying & Display Energy Certificate Services

All contracts arranged by  
**LASER**

If you wish to consider offsetting your consumption with green gas or renewable electricity please contact us on the details below:



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**0800 484 0840**  
[www.laserenergy.org.uk](http://www.laserenergy.org.uk)

