

Fully funded onsite energy generation solutions

Guaranteed savings
on the path to net zero



Your net zero energy partner

The UK's energy system is changing, costs are rising and the pressure to decarbonise is mounting in the drive to net zero.
How will you meet the cost of adapting to a low carbon future?



Guaranteed savings compared to grid-derived energy

Guaranteed to save money and boost resilience

As your long-term energy partner, Ylem provides the expertise to help you find the right solution and reduce costs without compromising immediate business priorities.

Ylem Energy's fully-funded onsite renewable, storage and hydrogen-ready gas generation solutions can create savings of up to 30% on your annual electricity bills for at least 10 years – with no additional cost to your business.

Partnering with you towards net zero

Ylem Energy specialises in state-of-the-art, onsite generation solutions that fully integrate with the sites they serve and help our clients on their way to net zero.

This includes systems that can either part or fully operate on hydrogen fuel, supporting the UK's legally binding targets for tackling climate change and decarbonising the grid.

A win-win solution

We'll design, finance, build, own, operate and maintain the systems on your behalf, leaving you to focus on your day-to-day business, whilst we improve your resilience, optimise your site's electrical requirements, and deliver guaranteed ongoing savings.

Fully funded and future proofed – the smart way to cut energy costs on the way to net zero

Ylem Energy's industry-leading, innovative package of onsite generation and storage measures guarantee savings on your compared to taking power from the grid – with no CAPEX or additional costs to your business.

This can include hydrogen-ready systems which will help in tackling climate change and decarbonising the grid. We also provide carbon offsets or green gas certificates to help decarbonise your business.

**Immediate
savings of up to
30% against current
energy costs – likely
to increase as the
cost of energy from
the grid goes up**

**Hassle free
solutions, fully
operated and maintained
by your long-term
energy partner so you
can focus on your core
business priorities**

**Fully funded
onsite generation
solutions with no
additional costs to your
business means you
can start saving today**

Hydrogen-ready gas generation

Beat the price spike and future proof your business on the path to net zero.

Gas-fired electricity generation will continue to play a vital role in the years ahead as the UK transitions to renewable energy sources. Future proofed, hydrogen ready systems, will also allow businesses to take control of their costs and start their journey to net zero as this energy revolution takes place.



Simple, cost effective and reliable

Gas-fired generation is extremely simple: thermal energy, a by-product of gas generation, can be captured and transferred to your heating infrastructure, improving efficiency and driving financial savings for your business.

Systems can be located internally or externally and require minimal space fitting seamlessly into your existing infrastructure. An assessment to identify the best option for your business is quick, easy and can typically be determined via a telephone call and some simple site related data.

Fully funded and no additional costs

Ylem offers fully-funding packages covering all of the upfront costs to install and maintain the generator. The electricity generated is then purchased by the user at an agreed tariff which will always be less than the grid and guarantees savings for at least 10 years.

In addition to the option of bio-methane gas fuel supply, Ylem can also provide carbon offsetting support, which means your business can benefit from all of the advantages of onsite gas generation systems, without compromising environmental aspirations.



Click [here](#) to view video

Driving sustainability with Solar

Cut costs and get to grips with your carbon reduction commitments.

Solar power is one of the UK's fastest-growing energy technologies and is already playing a vital role in the drive to meet the UK's ambitious carbon-reduction targets.

Solar energy is generated from photovoltaic (PV) panels installed on buildings, surrounding ground spaces and even water courses, turning daylight into energy, even on cloudy days. They can connect to your current system and voltage rate, whether 415v or HV, and via your current switch technology to augment your site's requirements.

By pairing solar power with complementary technologies such as batteries or electric vehicles, you can maximise the energy you generate by using it when and where you need it most.

If you have looked at solar PV before and thought it was too expensive, it's time to think again.

As part of our fully funded model, Ylem can design, build, operate and maintain your solar system throughout the project lifecycle to ensure you benefit from the maximum savings possible.

Cutting carbon

As a source of clean energy, using solar to power your business will mean you're achieving both your carbon reduction objectives and contributing to the UK's carbon reduction goals.



Boost your resilience with Battery Energy Storage

Generate long-term savings and reduce your reliance on grid-derived energy.

Battery Energy Storage is key to the UK's drive to get to net zero by 2050. As all companies implement their own net zero strategies, battery energy storage systems (BESS) will become an integral part of the equation to optimise and integrate onsite generation, improve site resilience, and help reduce emissions.

Let Ylem Energy's BESS experts help get you on the path to net zero today.

Our end-to-end service includes:

- ✓ Feasibility
- ✓ Design
- ✓ Fund
- ✓ Build
- ✓ Commission
- ✓ Operate and Maintain



Why choose Ylem

£300m of projects funded by us

Over **600** projects funded since 1991

"...Optimise existing onsite generation or install greater generation capacity to reduce reliance on the grid and improve resilience, cut energy costs and carbon emissions..."

Industry leading operations and maintenance support

Cut downtime and optimise your assets with 24/7 industry-leading operations and maintenance services, tailored to your requirements.

Ylem owns and operates a fleet of gas engines across the UK from AD plants to peaking sites and provides support for engines from many leading manufacturers such as Caterpillar and Cummins, operating on natural or biogas.

All of Ylem's O&M customers are supported by our UK-wide team of expert engineers under bespoke contracts, tailored to engine, site and customer requirements.

Providing independent expertise, Ylem can deliver major services, or overhauls on a one-off basis or at an agreed rate. Ylem's in-house electrical team also cover generators, control systems and electrical kit up to 20kVa and can support the wider balance-of-plant

The average full-term savings for customers implementing onsite gas generation solutions

£2.6m

Ylem's bespoke O&M solutions are based on four core models:

Basic

Standard scheduled servicing

- ✓ Routine planned maintenance with remote support from one of our engineers.
- ✓ Low monthly charges

Enhanced

Service plus unscheduled works

- ✓ Includes regular site housekeeping visits, scheduled servicing, and any unscheduled works with a retained callout engineer.
- ✓ The only additional costs are for major services or overhauls.

Standard

Service plus major works

- ✓ Regular scheduled servicing and any scheduled major service with a retained callout engineer.
- ✓ Forecastable, planned maintenance payments.

All inclusive

Service plus unscheduled and major works

- ✓ Comprehensive package includes standard scheduled servicing and major services, plus any unscheduled works with a retained callout engineer. Site visits, housekeeping, faults, fails and services are all covered.
- ✓ Complete peace of mind.



**Save up to 30%
guaranteed
savings for at
least 10 years**



**Start the journey
to net zero
hit short term
targets and meet
long term goals**



**Fully funded
solutions
no additional
costs**

“State-of-the-art onsite generation solutions that fully integrate with the sites they serve to help you on the path to net zero and support the UK’s legally binding targets for tackling climate change.”




YLEM

**Find out how much you
could save:**

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