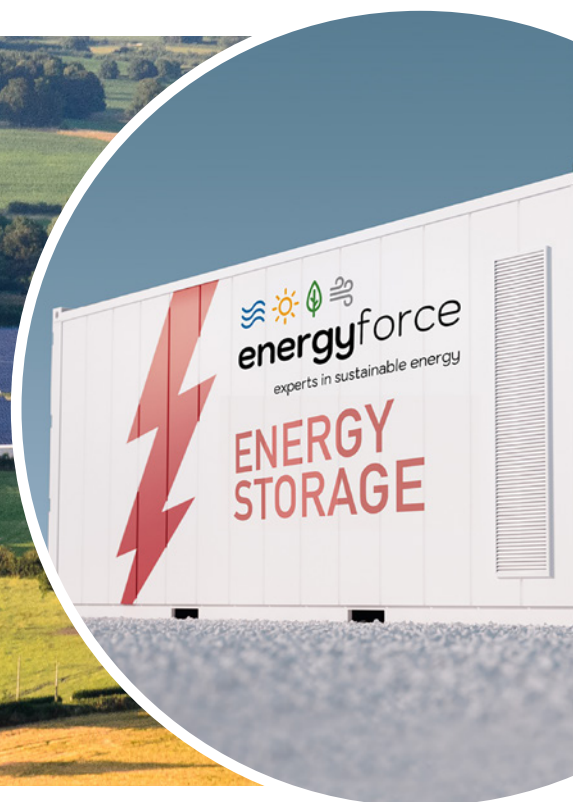


# Unlock your farms solar potential



EnergyForce is an expert in sustainable energy, providing industry leading solutions that your farm can exploit.

UK farming has been at the forefront of adopting renewable technologies to help generate zero carbon energy and exploiting the opportunities this brought with it.

Whilst some funding mechanisms are no longer available, Solar PV still offers significant benefits.

As the UK continues to redevelop its electricity infrastructure, there are a new wealth of opportunities that many farms can benefit from.

**If you are new to renewable energy or already have existing installations, we can update you on the latest opportunities with an initial free consultation.**

Using our experience, we can help your farm exploit and benefit from sustainable energy investments.



**Free 6 point  
solar PV health  
check**



**Maximise your  
solar energy  
returns**



**Loss of mains  
protection  
setting updates**

*As an approved contractor for Northern Power Grid and the Energy Networks Association (ENA), EnergyForce can complete this work free of charge.*

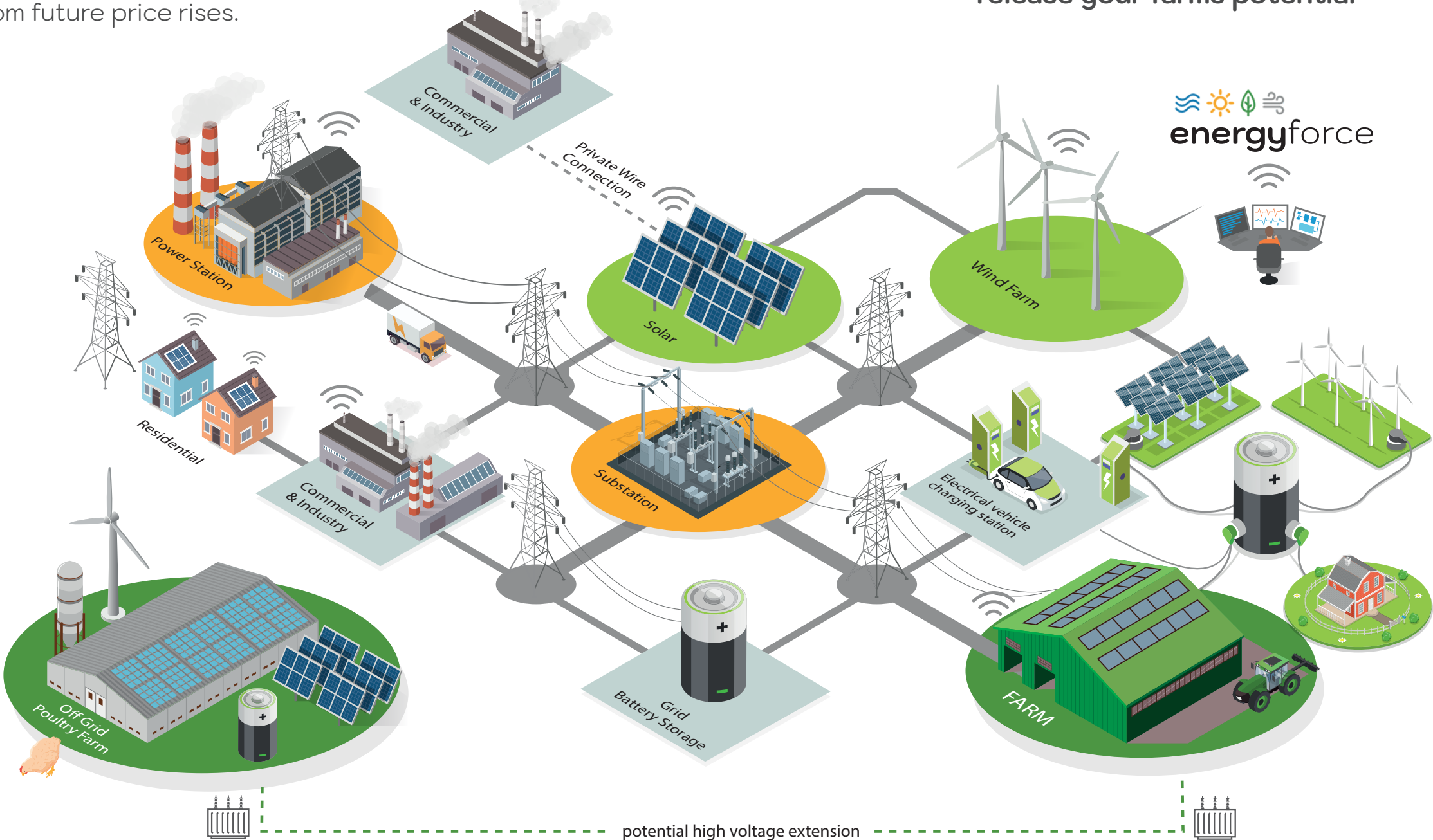
## SOLUTIONS

- Solar PV
- Battery storage
- Electric vehicle charging
- Large scale generation
- HV & LV connections
- Maintenance contracts
- Optimisation contracts
- Demand side response
- Export limitation

EnergyForce can help unlock the energy potential of your farm, exploiting new opportunities, providing cheaper zero carbon energy whilst protecting you from future price rises.

# FUTURE FARMS

release your farms potential



### Utility Scale Opportunities

Land owners can exploit opportunities to generate cheaper onsite, zero carbon electricity which can then be fed by private wire or virtual private wire to industrial and commercial businesses. Partnering with EnergyForce provides industry leading intelligence and know-how.

### Solar PV

UK Farmers have been benefiting from Solar PV for many years, and despite the move to subsidy free status, this technology still offers attractive benefits to the farming sector, including payback periods from 4 years, reductions in your carbon footprint, and increased efficiency and lower costs of ownership.

### Battery Storage

Battery Storage is a fast moving industry with many opportunities. Farms can benefit by providing storage, linking to national grid or DSO's to improve flexibility and grid stability. Alternatively, smaller battery storage systems can store excess energy generation for use later or to maximise your export PPA releasing the energy at peak times.

Battery Storage can also be a fundamental part of an off-grid solution, saving the need for expensive grid connections to remote areas.

### Optimise your Solar PV

Did you know that many Solar PV systems are under-performing? If you have been using Solar for four years or more, then your system may not be achieving its potential. Not only are regular maintenance and health checks very important, but there are other ways to unlock additional revenue from your existing investment.

EnergyForce offers a free no obligation 6 point health check of your current Solar PV system. This covers energy output, optimisation recommendations and equipment condition.

### Electric Vehicle Charging

Subject to location, you might be able to exploit the zero carbon transport revolution by providing an EV charging hub, powered by local sustainable energy generation. Alternatively, you may want to benefit from zero carbon, low cost transport and have EV charging infrastructure available on your farm or house.

### Maximising On-site Usage & Export Limitation

EnergyForce has years of experience in helping clients generate on sites where no export is allowed or is restricted. Existing connection agreements can be exploited by adding further generation with no further reinforcements or expense.

Selecting EnergyForce as a partner gives you access to market intelligence to exploit assets further, using additional technologies to access innovative trading arrangements.

### Loss of Mains Protection Setting Changes

If you generate energy from equipment such as Solar PV or Wind, and this was installed before 1st February 2018, then upcoming changes to the Distribution Code will require you to make some technical changes.

The Distribution Code (compliance with this is a condition of your Connection Agreement) has been amended and requires all generator owners to change their Loss of Mains (LoM) protection settings on or before 31st August 2022. If the required changes are not made before the deadline then enforcement action may be taken.

However, as an Approved Contractor for Northern Powergrid and recognised by the Energy Networks Association (ENA), EnergyForce can usually undertake this work onsite free of charge. Please contact us for details.

At the same time, why not combine this with a free 6 point Solar PV health Check?

### Demand Side Response (Flexibility)

By selecting EnergyForce as a long term energy partner, not only do you gain access to continuous improvements in technology, but also a deep understanding of your electricity usage and site processes, allowing us to maximise your efficiency and revenue potential "through DSR".

EnergyForce builds lasting client relationships, helping them to exploit opportunities whilst constantly looking to lower energy costs and increase returns from existing investments.

Our consultative approach is based around a key understanding of your farm requirements, highlighting both cost reductions and investment opportunities. We can also update you regarding any grants or subsidies that may be available.





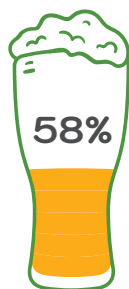
# 4 key solar benefits



UK Farmers have been benefiting from Solar PV for many years, and despite the move to subsidy free status, it still offers many attractive benefits, especially when combined with other technologies. Here are four main reasons why investing in Solar makes commercial sense for your farm:

## 1 Get what you pay for?

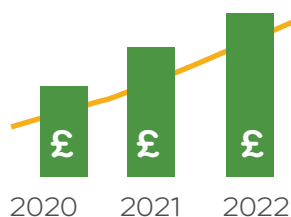
Up to 58% of **your energy bill** isn't actually spent on energy, it's spent upon levies, transmission costs and service charges. You can eliminate all or some of these by investing in Solar PV.



## 2 Annual increases of 6%

Although short term energy prices do fluctuate, long term energy forecasts predict an annual rise of 6%. Whilst shopping around can reduce costs, switching to self generation will achieve a far greater saving.

Source: OFGEM 2019



## 3 Generate your own cheaper electricity

Producing your own energy from Solar PV is cheaper than buying it from the grid. What's more, when coupled with battery storage you have more flexibility, less reliance on the grid, and the option of selling energy back to the network.

## 4 Zero Carbon Energy

Help reduce the impact your business has on the environment by lowering your carbon footprint. This will help you comply with potential levies, legislation and customer demands.



For a full review of your energy opportunities, please contact us for a no-obligation appointment. This will review your objectives, the opportunities and what subsidies might be available.