

Truly sustainable energy generation  
helping you to reduce costs and unlock  
new sources of revenue



Solar Photovoltaic Power

### **Improves operational efficiency**

Lower your electricity costs and reduce reliance on grid energy by generating your own electricity onsite

### **Budget Certainty**

Better forecast your energy spend by locking in predictable energy rates with dependable, efficient solar energy.

### **Reduces business risk**

Solar energy gives your business a consistent and secure source of backup energy especially when combined with battery storage.

## The Power to Control Your Business Energy

The UK energy market is evolving. Distributed, low-carbon energy generation is fast replacing the declining capacity of centralised, fossil-fuel based power stations that once dominated the electricity market. In response, the delivered price of power is rising to absorb integration costs of increased intermittent, low-carbon generation.

We are now in a situation where the end user is exposed to both market volatility and uncertainty that comes with buying energy. It is crucial for businesses to consider putting in place measures to hedge against this volatility and a PPA with Optimeyes is the perfect opportunity.

### About Solar PV

Solar power is a renewable source of electricity generation that works by absorbing sunlight and converting it into electricity. Solar panels are mounted on the roof of a building or on the ground (such as in a field). The power generated can be used directly onsite, with an option to store for later use by adding Battery Storage capability to lower energy costs during peak times or, in some cases, fed back into the grid to create an additional revenue stream. It is 100% sustainable, reliable, and cost-effective—ideal for businesses that want to reduce both energy costs and carbon emissions.

Solar is a truly sustainable energy solution which allows you to draw on a natural and sustainable resource to power your business and reduce dependency on the grid. Solar power enables energy generation both on and offsite by converting the power of the sun into 100% renewable electricity, helping you meet your corporate sustainability goals. As Solar power does not have any pollutants or carbon emissions, you will significantly reduce your impact on the environment.

## How Solar PV works



## What Size System do I need?

The recommended size of your system depends on your power consumption. If you want to completely offset your current electrical usage from the utility with a solar electric system, the first step is to review your annual energy consumption which can be obtained from your utility bill. Commercial systems can range in sizes from 10,000W, up to and beyond 100,000W, or 1,000 to 10,000 square feet of solar modules. Your needs will depend upon the size of your facility and your energy loads.

Every 1,000 Watts of solar modules will require 100 sq ft of roof or ground space. Since the majority of commercial systems range between 10,000W to 100,000W the space required will range from 1,000 sq ft to 10,000 sq ft ideally meeting the following requirements:

- South facing roof space
- Roof in good condition
- Not shaded by trees
- Not listed building

Or

- Open land

## The benefits for your business

- Lower your electricity costs and reduce reliance on grid energy by generating your own electricity onsite.
- Better forecast your energy spend by locking in predictable energy rates with dependable, efficient solar energy.
- Meet sustainability goals by using a 100% renewable source of energy to create power without CO2 or pollutants as traditional energy sources do.
- Create an additional revenue stream by selling excess solar energy generated back to the grid.
- Solar energy gives your business a consistent and secure source of backup energy especially when combined with battery storage.

## Save significantly more money and boost resilience by adding Storage

Combining Solar with Storage results in an integrated solution providing relief from ever-increasing demand charges and the opportunity to monetise your energy. The addition of Battery Storage provides flexibility and reduces energy spend when it is at its most expensive during peak hours.

- Solar saves you money on your kWh energy charges
- Storage saves you money on your kW demand charges

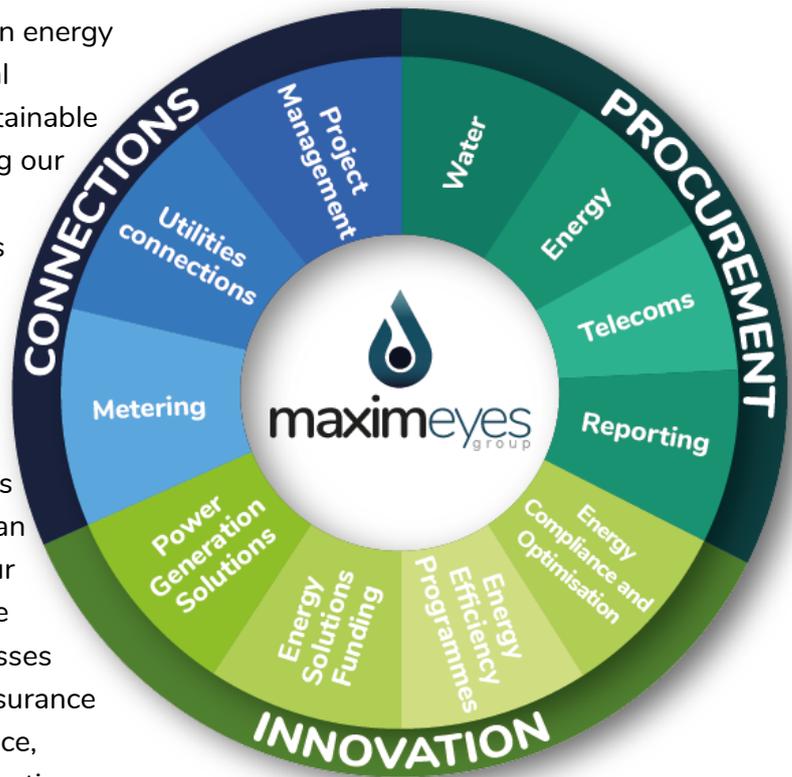


## Why Optimeyes?

We work with you to help you turn energy from a spiralling cost and potential business risk, into a source of sustainable competitive advantage. Combining our extensive experience in energy solutions with our funding options and tailored system designs, our experienced team can provide the right energy solution for any business.

Our fully funded model also means you can have a solution that has an immediate positive impact on your company's finances. We are at the forefront of changing how businesses use energy, so you have the reassurance of our extensive industry experience, knowledge and a world-class operation.

Optimeyes are part of the Maximeyes Group of companies providing businesses with a complete solution for all their energy requirements.



### Want to find out more?

Find out how we can help to power your business to new levels of performance today.

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