

GUARANTEED **ELECTRICITY SAVINGS**

for Commercial Businesses



**REDUCE YOUR
ELECTRICITY COSTS**

**MAKE A POSITIVE
ENVIRONMENTAL
STATEMENT**


cleanearth
THE ENERGY TO DELIVER

MAKE MONEY FROM YOUR ROOF

Having Solar PV installed on your roof will **REDUCE YOUR ELECTRICITY COSTS** and make a positive environmental statement to your clients, suppliers and employees.

Investing in a Solar PV system can generate a financial return of over 15% over 25 years as your business will:

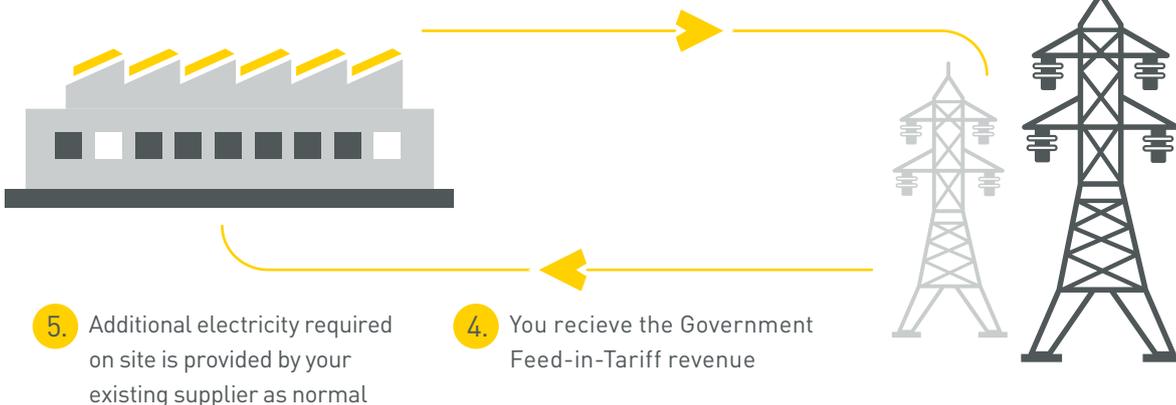
- 1. USE FREE ELECTRICITY** generated by the Solar PV array
- 2. GET PAID FOR ANY UNUSED ELECTRICITY** which will automatically be exported to the national grid
- 3. RECEIVE THE GOVERNMENT FEED-IN-TARIFF**

See how much your business could earn with a Solar PV system:

STEP 1.	How big is your roof?	400 m ²	1000 m ²	2000 m ²
STEP 2.	We can install a system of this size	50 kWp	150 kWp	250 kWp
STEP 3.	The CAPEX investment required is	£47,500	£135,000	£212,000
STEP 4.	The cumulative financial benefit to your business	£196,293	£535,390	£904,433
STEP 5.	Which is a financial return (IRR) of	17.5%	16.4%	17.4%
STEP 6.	Your cumulative carbon savings	495 tonnes	1,484 tonnes	2,470 tonnes

HOW IT WORKS

- 1.** Solar PV panels generate electricity which is supplied directly in to your business
- 2.** Your business uses the solar electricity generated by the system for FREE
- 3.** You get paid for any solar electricity not used on site and exported to the National Grid



ABOUT cleanearth

CleanEarth are leading renewable energy specialists with **OVER 450 INSTALLATIONS** throughout the UK, including both rooftop PV systems and large-scale ground mount solar farms.

Our in-house teams manage the entire process from design and planning through to installation and on-going performance monitoring and maintenance. This provides focus and consistency ensuring that systems

are designed to match our clients' consumption needs and installations are completed with minimum disruption to the operation of your business.

Opportunities still exist for many businesses to benefit from Solar PV but you need the reassurance of a company with experience and pedigree. CleanEarth are one of the few companies in the UK able to provide this.

WE MAKE IT SIMPLE



Projects:

50MW

Installed or committed

Reducing global carbon emissions by:

15,039 TONNES

Annually

SAVE MONEY WITH FREE INSTALLATION

For businesses wishing to deploy their CAPEX elsewhere, CleanEarth (CE) will install a Solar PV system for FREE and sell you solar electricity through at a price below your daytime unit electricity cost.

With electricity prices expected to rise over the next 25 years this could deliver a cost saving to your business of around £200,000 and a carbon savings of 2,500 tonnes (based on a 250kWp system).

CE sells low-cost solar electricity to our clients via our Power Purchase Agreement (PPA) which commits us to delivering a discounted rate for 25 years.

We insure, maintain and monitor the system for the duration of the agreement.

cleanearth PPA: LOW COST ELECTRICITY GUARANTEED

1. NO COST OR RISK TO YOU

We own the system, pay for the installation, insurance and ongoing maintenance.

2. LOW COST ELECTRICITY FOR 25 YEARS

You buy the solar electricity from CleanEarth through our PPA, SAVING UP TO 20% for 25 years*. We export any unused electricity back to the grid.

3. NO DISRUPTION TO YOUR BUSINESS

We do everything from design to installation through to on-going performance measurement and maintenance, so it is business as usual for you.

4. NO CHANGE TO YOUR EXISTING ELECTRICITY SUPPLIER

You do not need to change any arrangements with your existing supplier – they will continue to supply you with the electricity you need which is not generated by the Solar PV installation.

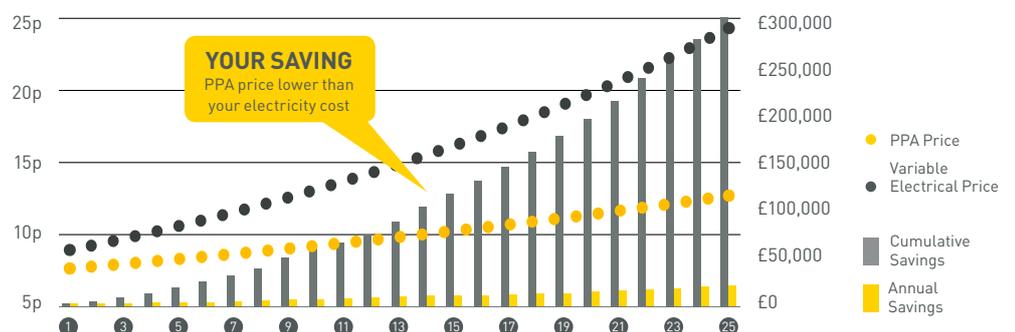
5. SIMPLE AGREEMENT

We have a simple Licence agreement which provides reassurance for you and us.

6. FREE ELECTRICITY AT END OF THE AGREEMENT

At the end of the agreement, ownership of the system can be transferred to you meaning the solar electricity will be FREE.

CASH FLOW FORECAST





CASE STUDIES

CLIENT PURCHASE

ROOF MOUNTED SOLAR PV PLYMOUTH LIFE CENTRE

Major Sports Venue

SYSTEM SIZE	ANNUAL OUTPUT	ANNUAL CO ² SAVINGS
366kWp	331,406kWh	142,537Kg

One of the UK's leading sporting venues with an Olympic size swimming pool, dive pool and other facilities it receives over 1 million visitors every year.

CE were appointed by Plymouth Energy Community following a competitive tender process. The installation incorporates an innovative east / west design, a low ballast non penetrative mounting system, perimeter guard rail and stairway access for ongoing operation and maintenance.

One of the most technical and challenging installations CE have completed to date, this is the largest roof mounted Solar PV system in Plymouth.



Due to its use, the Plymouth Life Centre consumes a huge amount of energy; these solar panels will save a significant amount on its energy bill as well as provide an example of community owned renewable energy in action.

Councillor Pete Smith,
Deputy Council Leader

CLIENT PURCHASE

ROOF MOUNTED SOLAR PV BIKOLD FOODSERVICE

Chilled Food Distribution

SYSTEM SIZE	ANNUAL OUTPUT	ANNUAL CO ² SAVINGS
145kWp	117,650kWh	50,600Kg

Bikold is an independently owned and run distributor of chilled, frozen and ambient food products based at Ludlow Business Park which is central to their distribution footprint of Shropshire, Herefordshire, Worcestershire and Mid Wales.

Operating out of a modern and well equipped facility which includes a number of refrigeration units, Bikold made the decision to purchase their Solar PV system which provides FREE solar electricity resulting in significant financial savings for the business.

In addition, this system will deliver 1,191 tonnes of carbon savings to Bikold over its lifetime.



CleanEarth have managed the installation process professionally and efficiently from start to finish with no disruption to our business. CleanEarth are a joy to work with!

Tony Davies,
General Manager

FREE INSTALLATION

ROOF MOUNTED SOLAR PV MINI CLIPPER LOGISTICS

Logistics & Warehousing

SYSTEM SIZE	ANNUAL OUTPUT	ANNUAL CO ² SAVINGS
250kWp	204,250kWh	87,848Kg

With over 40 years of UK distribution expertise, MiniClipper Logistics work with clients from a broad spectrum of business sectors. They are partnered with the Palletline Network and are approved consolidation pallet carriers for major businesses including SAINSBURY and AMAZON.

Awarded the UKWA Environmental Award in 2013, MiniClipper Logistics are dedicated to assessing every element of their daily operation in terms of environmental impact.

The renewable energy generated by this rooftop Solar PV installation along with the significant carbon savings build on this client's recent energy savings projects.



The CleanEarth PPA enables us to save over £400k on electricity over the next 25 years and contributes to our carbon reduction programme.

Peter Masters,
Managing Director

FREE INSTALLATION

GROUND MOUNTED SOLAR PV ST EVAL RECYCLING

Recycling Centre

SYSTEM SIZE	ANNUAL OUTPUT	ANNUAL CO ² SAVINGS
650kWp	676,000kWh	290,748Kg

High energy using recycling centres can make significant financial and carbon savings through Solar PV. While rooftop installations make use of redundant roofspace, a building-connected ground mount installation makes good sense for any business with adjacent unused land. In the right circumstances, CleanEarth will contact local landowners to identify under-utilised or low-grade agricultural land to provide an off-site installation which can be connected to your business over a distance of up to 1KM.





CleanEarth are the **UK MARKET LEADER** in the medium sized wind turbine sector. We are passionate about supporting the local communities in which we operate and our large scale projects generate a community fund. Landowners or parish councils involved in large scale projects choose

appropriate local beneficiaries of the community fund from their wind turbine or solar farm. We have **COMMITTED £2.8 MILLION TO COMMUNITY FUNDS** over the next 20 years to support local residents close to our large scale installations. This sum will increase with every new project.

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► **MAKE A POSITIVE ENVIRONMENTAL STATEMENT**

CONTACT US TODAY to find out how

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All information correct at time of print

* % based on unit electricity price

Actual savings dependent on installation size, forecasted output levels and expected tariff rates at time of print.



THE ENERGY TO DELIVER