

# BUILDING A SUSTAINABLE FUTURE FOR BRITISH BUSINESS

A comprehensive range of renewable solutions  
with **ZERO** Capital Costs



# BUILDING A SUSTAINABLE FUTURE FOR BRITISH BUSINESS



Through our network of trusted energy partners we have in excess of £100 Million secured in private investments to be utilised on renewable projects over the next 2 years.

British Power Group's Management team has extensive experience in the renewable industry and has a broad spectrum of energy solutions for any British business ranging from small SME's to large corporate clients.

These projects are designed to cover a whole range of financial benefits to the client and can include Solar Pv, Voltage Optimisation and Electric Car Charge units.

All of these are available to the client on a **Zero-Capital, no cost basis** and help to reduce energy overhead costs at the same time.

**For more detailed information on how your business could benefit contact BPG on 01652 681 883**

# COMMERCIAL & INDUSTRIAL SOLAR

A simple understanding



# COMMERCIAL & INDUSTRIAL SOLAR



Develop your business into a sustainable, cost and carbon saving asset with zero capital expenditure

If you require funding for any improvements to your building that will also help to reduce your carbon footprint then British Power Group can help

## Why install Solar Pv and some of the benefits

- Free Solar Pv System
- No capital cost
- Reduce your electricity bills
- Future-proof your organisation with a Power Purchase Agreement (PPA)
- A 25-year PPA with rates between 8 – 11p/kWh
- Market-leading PPAs
- Long-term protection against energy markets
- A variety of roof types available
- Improved EPC rating
- Buy-out option

In addition, we can provide combined offers with over cladding/re-skinning or a completely new roof where clients require this and we wrap the cost of a new roof with Solar Pv and provide a combined PPA solution.

# HOW DOES IT WORK?

We provide a full turnkey solution for renewable energy on the following basis



- You agree to lease the airspace above your roof for 25 years and enter into a Power Purchase Agreement (PPA)
- We fund and build a rooftop solar powered system on your building
- We retain ownership of the system and enter into a power supply agreement with you to sell power at a price providing a material saving for a term of 25 years.
- You pay a lower rate per unit of solar electricity that you consume

## SOLAR Pv – OUR PROCESS

Rest assured, you are in safe hands

- A professional approach to ensure your project runs smoothly and successfully
- British Power Group enables clients to achieve long-term financial savings by generating their own clean, green electricity under a fully funded, subsidy free, solar photovoltaic (Pv) Power Purchase Agreement (PPA)
- Our clients not only benefit from reducing their own carbon emissions, but are protected from the long-term energy price increases as the PPA is locked into retail price inflation.

# WE TAKE CARE OF EVERYTHING AT OUR OWN COST



- Desktop Survey
- Modelling and Savings Forecasts
- Options Appraisal
- Planning Application Submission if required
- District Network Operator Application (DNO)
- Structural Assessment
- Electrical Assessment
- System Design
- Construction
- Operation and Maintenance
- Asset Management

## ON-GOING OBLIGATIONS

We monitor, maintain and insure the system for the life of the project to ensure optimum performance. Our interests are aligned in that the more power that is generated, the more income we receive from the sale of the power, and the greater savings are achieved.

At the end of the term, ownership of the equipment transfers to the building owner, or the owner can elect to extend the term of the agreement and we will remove the equipment at the end of the extended term.

Solar panels can last for up to 40 years, which means there is the potential for power for an additional 15 years

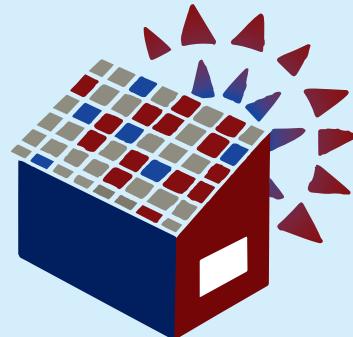
# THE POWER PURCHASE AGREEMENT (PPA)



## Typical Examples

### SCHOOL

200KW Solar Power Plant  
1,500m<sup>2</sup> Roof



OVER 30% SAVING PER UNIT

PREVIOUS ELECTRICITY PRICE  
15p per unit

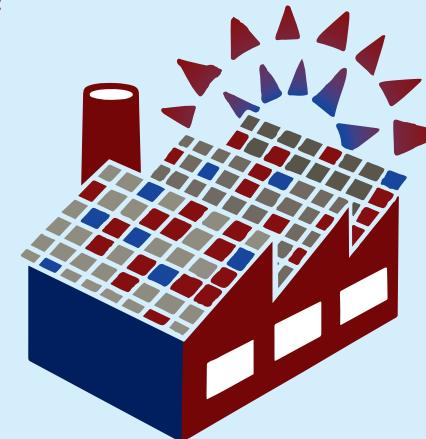
SOLAR ELECTRICITY PRICE  
10p per unit

SAVINGS YEAR 1  
£8,100

SAVINGS 25 YEARS  
£715,000

### LARGE FACTORY

1MW Solar Power Plant  
7,500m<sup>2</sup> Roof



OVER 30% SAVING PER UNIT

PREVIOUS ELECTRICITY PRICE  
14p per unit

SOLAR ELECTRICITY PRICE  
10p per unit

SAVINGS YEAR 1  
£34,000

SAVINGS 25 YEARS  
£3,000,000

# VOLTAGE OPTIMISATION

A simple understanding



# VOLTAGE OPTIMISATION A SIMPLE UNDERSTANDING



## Why are we all paying for Wasted Energy?

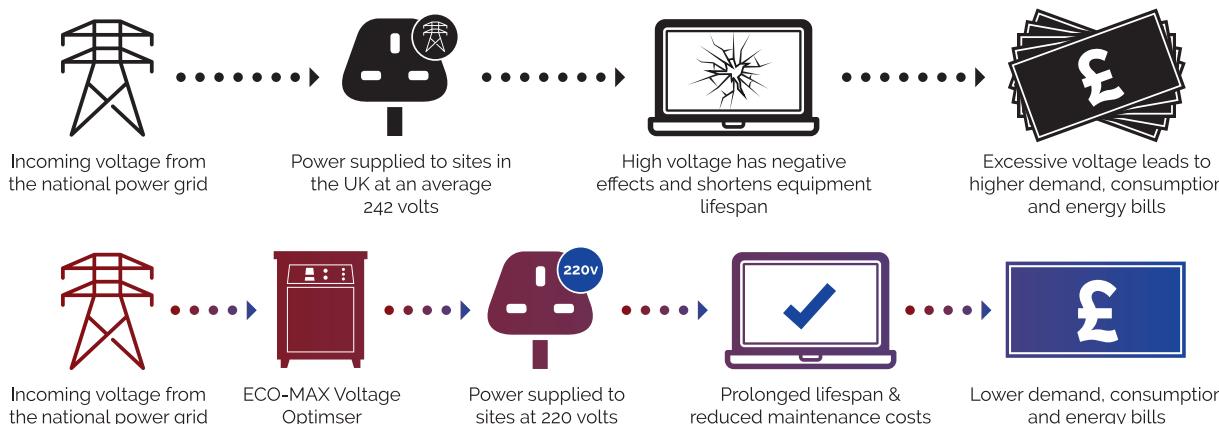
European harmonisation means our equipment works efficiently at around 220v.  
Supplying over this voltage is wasting energy.

UK electricity can be supplied at 253v, so without realising it we are all paying for wasted energy

## So, what is the solution?

By optimising the energy supply direct to your electrical equipment, you will be making instant savings on your electricity bills

British Power Group is able to supply a wide range of optimisation units to cater for any commercial client's annual energy consumption anywhere between £33,000 up to £432,000



# VOLTAGE OPTIMISATION A SIMPLE UNDERSTANDING



## What are the savings?

Typical saving varies from 8% up to 15% but as a good guide (based on actual installations) if your electricity annual bill is around £66,000 then this can be as much as £9,900 each year

## What is the cost of the unit including installation?

Absolutely NIL as we install and supply the equipment on a zero-cost basis.

Instead we take a 50% share of the savings against your on-going costs. No catch, no hassle and you have nothing to lose and a whole lot to gain

## What if I want to purchase the equipment?

Not a problem, you can purchase the equipment from day one or alternatively you simply purchase the equipment after a 12-month period, once you have seen the savings generated and you then benefit from all the savings on an on-going basis

## And there are additional benefits too...

With the electricity supply now running at the correct voltage, this will also increase the life of your equipment too, so a large saving can be made on capital purchase costs over the same period.

You are also able to reduce your carbon footprint and the system is monitored remotely

# EFFICIENT EV CHARGERS, POWERED BY 100% RENEWABLE ENERGY

A simple understanding



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## BECOME PART OF THE UK'S FASTEST GROWING EV NETWORK

With the increasing emphasis on the environment and electrical vehicles the EV Charging industry is anticipated to significantly grow here in the UK

British Power Group provides a complete risk-free, cost-free, end-to-end solution

We are the only company in the UK offering to install a commercial charger free of charge, this includes the charger itself, the cost of connecting the power supply as well as all associated ground works.

This increases footfall to any venue and at the same time increases typical revenue streams at the same time.



# WE ARE ALSO ABLE TO OFFER A RETURN ON THE ELECTRICITY USED FOR THE DURATION OF THE CONTRACT FOR A 10-YEAR PERIOD



- Hardware and installation by fully qualified installers
- Fixed net revenue share for the duration of the contract term
- Electricity usage
- Insurance, service and maintenance undertaken
- Benefit from an increased footfall from a new community of EV drivers
- Increased revenue from incidental spend during the 'dwell time'
- Payment solutions provided via mobile application, RFID, QR Code and Contactless – Apple Pay and Android Pay
- Inclusion to the main aggregators for renewing available charge points including Google Maps, Zapmap and WattsUp.
- 24/7 customer care line

**For more detailed information on how your  
business could benefit  
contact BPG on 01652 681 883**



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