



*a breath of fresh air*

## Photovoltaic System Quotation

### Client:

Chevening Parish Council  
16 Beaconfields  
Sevenoaks  
Kent  
TN13 2NH

**Quote Number: Q04582**

**Quotation Reference: Sports Pavillion**

### Amendments Issued

Amendment No.	Amendment Details	Date
0	Tender Issue	4 May 2021



CONTRACTORS HEALTH & SAFETY ASSESSMENT SCHEME

**Accredited Contractor**

[www.chas.co.uk](http://www.chas.co.uk)



THE LITTLE GREEN ENERGY COMPANY is a trading name of THE LITTLE GREEN ENERGY COMPANY LIMITED. Our registered office can be found at: Hopsack House, Pattenden Lane, Marden, Kent, TN12 9QJ. We are incorporated and registered in England and Wales with company number 07245223.



The Little Green Energy Company Limited  
Hopsack House  
Pattenden Lane  
Marden  
Kent  
TN12 9QJ  
p. 01622 832834  
e. [info@tlgec.co.uk](mailto:info@tlgec.co.uk)  
w. [www.tlgec.co.uk](http://www.tlgec.co.uk)

**Chevening Parish Council**

16 Beaconfields  
Sevenoaks  
Kent  
TN13 2NH

04 May 2021

**Re: PV Installation @ Sports Pavillion**

FAO Judith Hayton,

Thank you for giving The Little Green Energy Company the opportunity to prepare you a quotation for the supply and installation of a Photovoltaic System on your property.

The quotation has been prepared using the information gathered on the site visit. We have modelled the design using the latest design software which takes into account local weather, shading and equipment efficiencies. The following information is derived using the Government's Microgeneration Certification Scheme (MCS) method as is compulsory by all MCS installers.

The quotation includes black 365W monocrystalline solar modules (MCS certified with 25 year warranty), SolarEdge inverters with power optimisers (G98/G99 compliant), framing systems to attach to roof, DC/AC isolators, generation meter, AC/DC cabling and connectors.

### 40 Panel PV System fed to the Landlords Supply at the sports pavilion

System Size (kWp)	No. of Panels	Annual Generation – MCS (kWh)	CO2 Offset (kg/CO2/yr)	Supply and Fit Ex VAT
14.60	40	15,124	8,000	

### 20 Panel PV System fed to the Landlords Supply at the sports pavilion

System Size (kWp)	No. of Panels	Annual Generation – MCS (kWh)	CO2 Offset (kg/CO2/yr)	Supply and Fit Ex VAT
7.30	20	7,562	4,000	

We also offer battery storage and electrical vehicle (EV) charging installations – Please call us for more information.

**Disclaimer:** : Note1: This system performance calculation has been undertaken using estimated values for array orientation, inclination and shading. Actual performance may be significantly lower or higher if the characteristics of the installed system vary from the estimated values. Note2: When on-site shade analysis has been performed. This shade assessment has been undertaken using the MCS procedure - it is estimated that this method will yield results within 10% of the actual energy yield for most systems.

This includes all costs associated with materials, installation and commissioning including scaffold and access, electrical materials, labour and registrations.

The quotation has been prepared with the following assumptions:

1. Existing electrical installation is up to current standards.
2. Roof is in good condition. No structural calculations allowed for.
3. No asbestos is present in the areas we will be working in – a copy of your asbestos report will be required.

## Equipment

### Solar Panels – JA Solar 365W Monocrystalline Panels

JA Solar is a manufacturer of high-performance photovoltaic products. The PERC Multi-Busbar Half-Cell All Black module proposed offer higher power output due to:

- Lower internal module losses
- Higher resistance to the effect of shading
- Lower risk of 'hot spot'
- Better temperature coefficient
- Lower risk of micro-cracks thanks to improved mechanical loading properties
- Aesthetic design

**JA SOLAR**

### Inverter – SolarEdge HD Wave with DC Optimisers

SolarEdge inverters with DC optimisers lead the way in maximising the output from your solar system.

- Maximum output from each panel – does not take into account other panels on roof
- Ideal for shading
- Standard 12 year warranty (extended to 20 years at cost) for inverter, 25 years for DC optimisers
- No need to worry about panel tolerances
- Free monitoring available of each individual panel\*
- Firmware upgrades and faultfinding can be done remotely\*
- Built in safety systems that shut down **dangerous high DC voltage** if there is a fault, fire or any arcing

**solar**edge

\* (requires connection to router)

## Planning & Building Control

Solar panels installed on rooftops are covered under permitted development if installed under certain guidelines of which we follow. Exceptions to this are listed buildings and buildings in an Area of Outstanding Natural Beauty, Conservation Area or installations which do not follow the line of the existing roof i.e. flat roof areas or ground mounted systems where A-frames will be required. If you fall into one of these categories planning may be required, please contact us and we can assist.

## DNO / G99 Approval

If your system is >4kWp (single phase) or >10kWp (three phase) an application will need to be submitted to the relevant DNO to approve connection to the national grid. Generally no extra work is required. We will take care of this application if required.

## Health & Safety

We have a very strong ethos on H&S at TLGEC. Driven from the top all of our managers and operatives have had H&S training to a high level. A safety supervisor will also be allocated on every job. As well as being part of CHAS, we are audited annually by an external Safety Company, THSP. This report is available upon request. All jobs will be assessed with COSHH, Risk Assessments and Method Statements being compiled. Giving you the peace of mind that you have safe contractors in your building. More information on the type of training we undertake can be found on the website.

## Testimonials / Follow Us

More information about us, and installs we have completed in your area can be found here: [www.tlgec.co.uk/case-studies/](http://www.tlgec.co.uk/case-studies/)



<http://trustedtraders.which.co.uk/businesses/the-little-green-energy-company-ltd/>



<http://www.checkatrade.com/TheLittleGreenEnergyCompany/>



<https://www.facebook.com/pages/The-Little-Green-Energy-Company-Ltd/466582823467566>



<https://twitter.com/tlgec>



<https://www.linkedin.com/company/the-little-green-energy-company-ltd/>



ELC54257  
Solar Photovoltaic Systems



## WHY TLGEC?

The solar PV market has seen a lot of changes in recent months with a lot of companies moving in and out of the business. Here are a few points that we feel puts us above the rest:

- Fully MCS registered and members of RECC & HIP.
- WHICH Trusted Trader & Check A Trade Members – **Testimonials Online**
- Fully Insured and CHAS/SMAS approved.
- No pressure selling techniques used.
- Several years experience in the PV sector.
- SunPower and TESLA Certified Installers.
- Every install is bespoke designed using PVSol, the latest in PV design software.
- We use our own installers and you will have a point of contact throughout the whole installation.
- We use only top quality components throughout installation.
- Installation references and site visits can be arranged in your area to see work we have completed and to talk to some of our previous customers.
- Ongoing maintenance packages available.

### Some of Our Previous Customers:



ELC54257  
Solar Photovoltaic Systems



## Clarifications

1. This is a quotation and is subject to contract.
2. This quotation is based upon the site survey and documentation provided and assumes that all said documentation is correct/current.
3. System components/design specifications may change over the course of the project but system performance shall remain the same.
4. Our calculations in the preparation of this quotation have been based on the assumption that the contract will be awarded as a whole. In the event of any separately priced sections included in this quotation (excluding any provisional sums) being deducted from your order to us, the prices of the remaining sections may need to be adjusted.
5. Assumes site fully ready before we attend.
6. All equipment other than the PV modules will require internal installation. No Enclosures have been allowed for.
7. All materials will remain the property of seller until paid for in full.
8. Protection of works has been included for up to and including time of installation.
9. This estimate is based on the installation being carried out during normal working hours i.e. 8.00 am to 5.00 pm.
10. Our systems are designed to accommodate only minor discrepancies in structure tolerance.
11. We have made no further allowances for paying any fees, statutory or otherwise.
12. This quotation is valid for 30 days.
13. The quotation is to be read in conjunction with TLGEC T&Cs.

## Payment Terms

Our payment terms are as follows (BACS payment preferred):

**All prices are subject to VAT at 20%.**

- |                                 |     |
|---------------------------------|-----|
| 1. Deposit on order             | 20% |
| 2. Completion and commissioning | 80% |

Yours sincerely,

Ben Colewell  
The Little Green Energy Company Limited