Solar PV Quotation

Customer Details	Quotation Details
Name: Ringshall Village Hall	Quote Reference Number: ST82733200
Address: Ringshall Village Hall, Lower Farm Road, Ringshall Stocks, IP14 2JB	Survey Date: 26/03/2024
	Total System Size: 13.33kW
Tel Number:	Quotation Summary:
Mob Number:	Solar PV System, Design, Supply and Installation Inc.
Email Address:	Part P Electrical Certificate, MCS Certificate,
	10 Years Insurance Warranty

Description of Work:	Quantity	Total
Modules		
QCell QPeak Duo 510W Panels	27	£8,654.00
Advanced Insurance Safety Package	1	(Inclusive)
Tigo Optimisers	27	£1,552.00
Mounting System		
Orientation 1: Pan Tiles	27	
Inverter		
SolaX 15 kW Hybrid Inverter		(Inclusive)
Battery Option		
SolaX 23.2 kWh Battery	23.2 kWh	£13,672.00
Additional Services		
Pigeon Proofing for 27 Panels		£874.00
Scaffolding		
22 Metres of Two Storey Scaffold (incl. Beam overs)	22	(Inclusive)
Sub-Total		£24,752.00
VAT @ 0%		
Total		**£24,752.00**

System Performance

Solar PV Generation

The exact performance of Solar PV systems is impossible to predict with certainty due to the variability in the amount of solar radiation (Sunlight) from location to location and from year to year. This estimate is based upon MCS regulations, MIS 3002 New PV guide 1.0; Section 3 System Performance.

This system performance calculation has been undertaken using MCS irradiation data for this region.
The specific values for each array are based on the post code location, orientation from south, the pitch of the roof, as well as taking into consideration any shading that the solar panels may be subject to. The actual performance will vary slightly depending on the amount of light the panels will receive. The calculations may be significantly lower or higher if the characteristics of the installed system vary from the estimated values used.

Our calculations have been worked out using the following precise data for your property as listed below:

Array 1: 21 x Solar Panels, 45 degrees off south, 45 degrees pitch, with a 12% shading factor
Array 2: 10 x Solar Panels, 45 degrees off south, 45 degrees pitch, with a 21% shading factor

Self-consumption

Your self-consumption figures have been estimated using the MCS guidance MGD 003.
This allows you to see predictions of how much Solar PV generated electricity you will be able to utilise, and how much will be sent back to the grid.

A battery will help increase your self-consumption by storing surplus electricity produced by your solar panels to use when the demand for electricity exceeds what is being produced by the solar panels, or storing the electrcirty for use later at night when the sun has set.

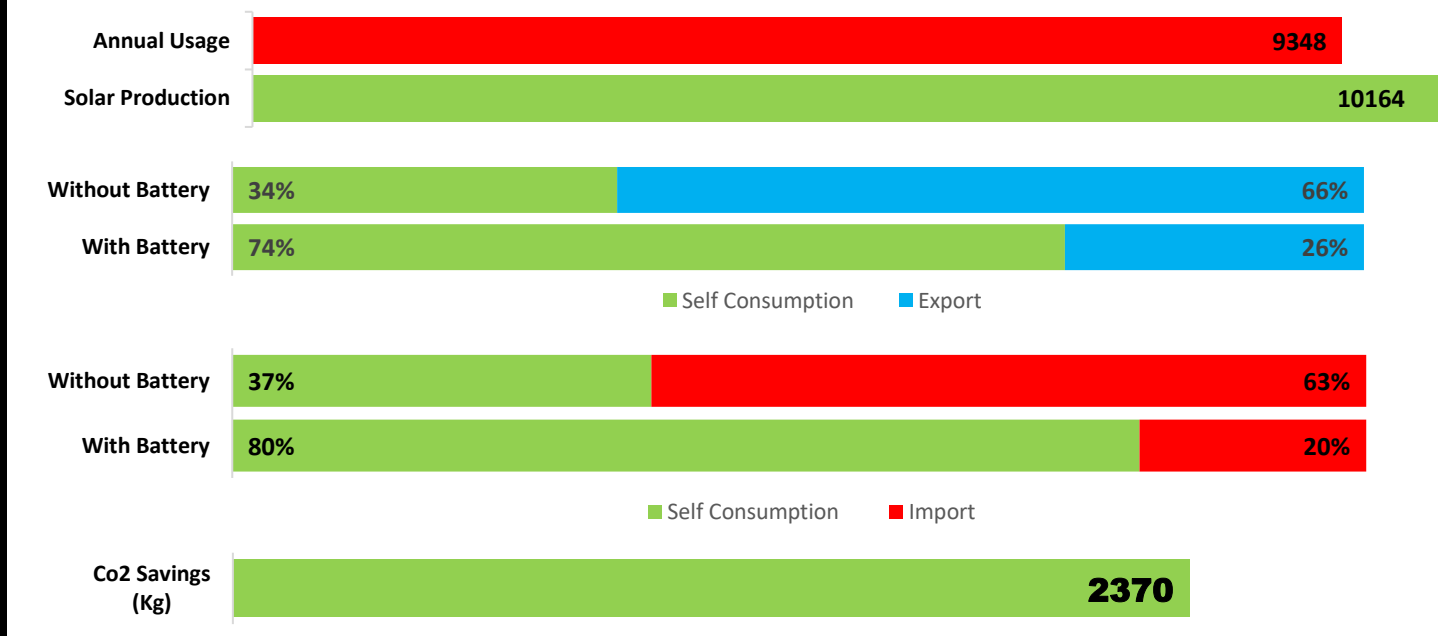
You can increase your self-consumption by endeavouring to utilise electricity during daylight hours (when the PV system is generating). You can set your washing machine on a timer to run at midday, for example.

Solar Pv Quotation for Ringshall Village Hall, Ringshall Village Hall, Lower Farm Road, IP14 2JB. Quote Ref: ST82733200

Solar PV Performance Estimate / Prediction

Customer Name: Ringshall Village Hall
Annual Electricity Usage: 9348 kWh
Is the Customer at Home on Weekdays: Home All Day

Size of PV System: 13.33 kWp
Electricity Cost per unit: 36p
Battery Size: 24.85kWh



	Year 1	Year 5	Year 10	Year 20
Performance in kWh	10164	9763	9285	8397
Export Tariff	£365.89	£1,979.81	£4,382.77	£10,839.23
Electricity Savings	£2,692.22	£14,876.24	£33,862.50	£89,020.96
Total Benefit	£3,058.12	£16,856.05	£38,245.28	£99,860.18
Monthly Benefit	£254.84	£335.57	£426.06	£687.27
Return on Investment	8.75%	11.52%	14.62%	23.59%
Profit	-£31,903.03	-£18,105.10	£3,284.13	£64,899.03

* We have calculated returns on investment based on electricity at 36p per unit

*The performance of solar PV systems is impossible to predict with certainty due to the variability in the amount of solar radiation (sunlight) from location to location and from year to year. This estimate is based upon the standard MCS procedure is given as guidance only. It takes into consideration a 1 percentage degredation in panel performance. It should not be considered as a guarantee of minimum performance as the characteristics all installed solar PV systems vary from the estimated values given.

*** These predicted figures are based on the CPI (Consumer Price Index) being at 5%, and fuel inflation at 5%**

*This shade assessment has been undertaken using the standard MCS procedure - it is estimated that this method will yield results within 10% of the actual annual energy yield for most systems.

To place an order, please email your surveyor to confirm. Your survey will then go through technical and admin checks, at which point we will contact you to arrange an install date.

Notes

• Full terms and conditions are available upon request

• A full breakdown of equipment and services to be supplied is listed on the first page of the quotation.

• If additional works are required due to expectional circumstances not reasonably foreseeable or of customer request for specification changes, an estimate will be provided based on the installers hourly and daily rate.

• We are a member of the Renewable Energy Consumer Code (RECC) Assurance Scheme, and this document prepared in accordance with the RECC Customer Code.

• Metering will be required from your energy provider to enable you to access the Smart Export Guarantee (SEG) payments. Under OFGEM regulations all electricity suppliy companies with at least 150,000 domestic electricity customers must offer this financial incentive to all solar photovoltaic generators with a total installed capacity of up to 5MW (approximately 1,700 solar panels). This metering service needs to be provided by your electricity supply company and unfortunately Greenscape Energy Ltd is unable to provide this service. Further information can be found on the OFGEM website: **https://www.ofgem.gov.uk/system/files/docs/2020/02/seg_generator_guidance_-_final_for_publication.pdf**

• By agreeing to this contract, you are confirming the order for the Products and Installation Services specified on the above Quotation. This order will become binding when we notify you of its acceptance and will be governed by our Installation Terms and Conditions.

• By agreeing to this contract, you also agree to us sharing your name, address and email with the manufacturers of the products listed above, for warranty and monitoring purposes.

Customer Order Form

Proposed Timetable of Works
As soon as possible

Payment Schedule

Payment 1: Deposit
A 20% deposit is requested upon signing the quotation.

Payment 2: Final Payment
The remaining full & final payment is expected within 48 hours of the issued invoice being received.

Cooling off Period

After paying your deposit, you have a 14 Working day period which you may cancel the contract without penalty. After this time, cancellation may incur a financial cost. Any cancellation charge will be determined on the basis of the actual cost incurred by us such as transport of products and erection of scaffolding. Cancellation must be made in writing.

Planning Permission Confirmation:

By agreeing to the contract, you have ascertained that planning permission is not required for the solar installation work as it will be carried out under permitted development rights. Otherwise, you confirm that you are having, or that you have received, planning permission or a building warrant for the proposed installation. We cannot be held responsible for any installations where planning permission or building was required but not obtained, and no refunds will be offered.

Quotation Reference: **ST82733200**

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