

Solar PV Quote

Private and Confidential

08 October 2013



Quote generated for:

**PRIVATE &  
CONFIDENTIAL**

Generate Green (UK) Ltd  
9 Propeller Park  
NCR Business Centre  
Great Central Way  
London NW10 0AB  
03333 208 061  
[enquiries@generategreen.co](mailto:enquiries@generategreen.co)





## Customer Order Form

Quotation Reference	20131008SG
Quotation Summary	Commercial Solar PV Quotation

<b>Supply and fit a 35.0 kWp solar PV system</b>	<b>£45,500.00+VAT</b>
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To proceed with this order please read the following instructions, and then sign below and return to:

**Generate Green (UK) Ltd**

**9 Propeller Park**

**NCR Business Centre**

**Great Central Way**

**London NW10 0AB**

### Finance

100% of the cost of the system may be financed subject to acceptance through our partner Nationwide Corporate Finance (part of Nationwide PLC) or Santander. To apply please let us know and we will arrange for our Asset Finance Business Manager to contact you.

### Methods of Payment

If choosing our finance model, then the asset finance partner will make all the payments on your behalf. If you are self funding then please pay by bank transfer to: Generate Green Ltd, Santander Sort code: 09-01-28 account number: 45422491.

### Planning permission confirmation

This installation will take place under permitted development regulations. You only require planning permission if the scope of the installation is outside of these regulations or if your building is listed or is in a conservation area. By signing this contract you are confirming that you have received planning permission for the proposed installation if required or ascertained that planning permission is not required.

**Generate Green Ltd** cannot be held responsible for any installations where planning permission was required but not obtained and no refunds will be offered.

### Confirmation

By signing this form, you are confirming the order for the Products and Installation Services specified on the attached quotation. This order will become binding when Generate Green Ltd notifies you of its acceptance and will be governed by our Terms of Supply.

Customer Signature

Customer Name (please print)

Date

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Quotation valid for: **30 Days**

**Notes:**

1. Installation price is based on continuous working period. If circumstances beyond our control necessitate a split programme of works we reserve the right to charge for additional time.
2. For full Terms & Conditions see enclosed contract.
3. A full breakdown of services to be supplied is given on the enclosed "Summary of Goods & Works"
4. If Additional Works are required due to exceptional circumstances not reasonably foreseeable or if customer request for specification changes, an estimate will be provided based on the installers hourly or daily rate.

**Summary of Goods & Works Supplied****A. Goods to be supplied by **Generate Green (UK) Ltd.****

All goods listed in quotation.

**B. Work to be undertaken by **Generate Green (UK) Ltd** or **an approved sub contractor.****

-Design and specification of PV system in accordance with relevant small scale embedded energy (SSEG) engineering recommendation G83/2 and Photovoltaic In Buildings – Guide to the Installation of PV Systems, 2nd Edition, 2006 (DTI/Pub URN 06/1972)

-Installation of roof anchors and module mounting rails Mechanical and electrical connection of PV array Installation of Inverter and DC ancillaries

-supply of scaffolding

-Installation of DC cabling between array and inverter

-Installation of AC spur cabling from a spare way on consumer unit to location of inverter

-Installation of AC isolator at inverter and connection to AC spur

-Programming inverter

-Testing & commissioning of system

-Liaison with Distribution Network

-Obtaining an Energy Performance Certificate prior to installation. Note that your property must obtain a D rating or better to qualify for the feed in tariff at the higher rate. We will apply for a certificate at the commencement of this order at the cost of £350.00. If your property does not meet a D rating or cannot reach a D even after installation, your deposit will be returned less the cost of your EPC. Any changes required to meet a D rating are the responsibility of the property owner.

**Our Prediction of the performance of the Proposed System**



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 should not be considered as a guarantee of performance.

By using this procedure we have estimated that the system proposed would produce:

**36,297 Kilowatt Hours**

#### **Feed-In tariffs**

Your system would qualify for payments under the Feed-In tariff scheme. Under this scheme, you will receive generation payments from your electricity supplier for the electricity you generate PLUS a further 'export' payment for any electricity you feed back into the grid. And if you use the electricity you generate, you are also saving on your electricity bill.

As your proposed installation is less than 20kWp, it is assumed that you will export 50% to the national grid and you are paid on this accordingly without the need for an export meter.

**Based on the details above we estimate your annual income to be as follows:**

**Investment in 35.0kWp System:** £45,500.00 + VAT

<b>First Year:</b>	Income from Feed-In Generation Tariff @ 12.57p/kWh:	£4,562.53
	Income from exporting energy @ 4.64p/kWh:	£421.05
	Electricity Saving @ 75% use	£2,722.28

**Total Benefit:** £7,705.85

**Payback Time:** 5y 3m

**Total Profit Over 20 years:** £252,575.02

**Carbon Saving PA: 19,041 kg**

Year	FiT Generation	Export Income	In-house savings	Balance for cash sale	Combined Income & Savings pa
1	£4,562.53	£421.05	£4,355.64	-£36,160.78	£9,339.22
2	£4,726.05	£436.14	£4,791.20	-£26,207.39	£9,953.39
3	£4,895.44	£451.77	£5,270.32	-£15,589.86	£10,617.53
4	£5,070.89	£467.96	£5,797.36	-£4,253.66	£11,336.20
5	£5,252.63	£484.73	£6,377.09	£7,860.79	£12,114.45
6	£5,440.88	£502.10	£7,014.80	£20,818.58	£12,957.79
7	£5,635.88	£520.10	£7,716.28	£34,690.84	£13,872.26
8	£5,837.87	£538.74	£8,487.91	£49,555.37	£14,864.52
9	£6,047.10	£558.05	£9,336.70	£65,497.22	£15,941.85
10	£6,263.83	£578.05	£10,270.37	£82,609.47	£17,112.25
11	£6,488.33	£598.76	£11,297.41	£100,993.97	£18,384.50
12	£6,720.87	£620.22	£12,427.15	£120,762.21	£19,768.24
13	£6,961.75	£642.45	£13,669.86	£142,036.27	£21,274.06
14	£7,211.25	£665.48	£15,036.85	£164,949.85	£22,913.58
15	£7,469.71	£689.33	£16,540.54	£189,649.42	£24,699.57
16	£7,737.42	£714.03	£18,194.59	£216,295.47	£26,646.04
17	£8,014.73	£739.62	£20,014.05	£245,063.87	£28,768.40
18	£8,301.98	£766.13	£22,015.45	£276,147.43	£31,083.56
19	£8,599.52	£793.59	£24,217.00	£309,757.54	£33,610.11
20	£8,907.73	£822.03	£26,638.70	£346,126.00	£36,368.46

**Panel type:** 140 x Solarworld Sunmodule SW 250W Mono Black 10 Year Warranty

**Inverter Type:** 4 x SAJ Suntrio TL8K 10 Year Warranty

Notes:

- Illustrative solar PV performance figures only. Figures are given in good faith but do not constitute "Financial Advice".
- Yearly PV output uses a factored degradation over time based on industry estimates.
- Tariffs shown presume installation at 12.57p tariff, and that your premises meets a minimum of a D energy rating. If your rating falls below this, it is your responsibility to bring your home up to a D rating through further measures such as increased insulation or low energy lighting.
- Photovoltaic Panels will not be shaded (e.g. by Trees or Buildings) as shading affects PV output
- Assuming that you pay 14.4p per unit for mains electric and that around 100% of the solar electricity that you generate will be used by your premises.