

## Solar PV Survey Form

<b>Project Reference:</b>		<b>Surveyor:</b>		<b>Date of survey:</b>	
<b>Customer Name:</b>					
<b>Address:</b>					
<b>Site Address (if different to above):</b>					
<b>Postcode of Installation site:</b>					
<b>Contact Details</b>	<b>Telephone:</b>		<b>Mobile:</b>		
	<b>Email:</b>				

<b>Planning</b>	
<b>Is the property Listed or in a Conservation Area?</b>	
<b>Will the installation come under "Permitted Development"?</b>	
<b>Are there any other planning issues to be considered?</b>	

## Solar PV Survey Form

<b>System Design</b>	
Is this survey being carried out "on site" or remotely?	
Building use – domestic or commercial?	
Build type – retro fit or new build?	
Size of system desired/proposed (in kW)	
Will the proposed system be roof, wall or ground mounted?	
On or Off Grid?	
Will the proposed orientation and tilt angle of the array achieve optimum collection capacity for the location and building design?	
Proposed make and model of modules (if known)	
Monocrystalline/Polycrystalline?	
How many strings will the proposed system have?	
Present electricity cost per kilowatt hour	
Is there a valid EPC in place for the property?	
	<b>If YES – Energy Rating</b>

## Solar PV Survey Form

<b>Roof Assessment</b>	
<b>General roof condition:</b>	
<b>Is the property in an exposed location?</b>	
<b>Inclination of roof from horizontal:</b>	
<b>Roof slope length, ridge to eaves:</b>	
<b>Lower width – gable to gable:</b>	
<b>Upper width – if different:</b>	
<b>Gutter height above ground:</b>	
<b>Is the installation likely to result in the loading on the roof structure increasing by 15% or more? Any prior increase in the loading of the structure <u>must</u> be taken into account</b>	
<b>Is the proposed PV array mounting surface of sufficient area, including any required clearances?</b>	
<b>Is the condition of the proposed PV array mounting structure and mounting surface satisfactory?</b>	
<b>Are there any obstacles that will cause shading issues? (Chimneys, windows etc.).</b>	
<b>Is there a likelihood that significant overshadowing issues could occur in the future e.g. tree growth?</b>	
<b>Are there any access issues?</b>	

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<b>System Data – Sunpath and shading assessment is required from the base of each array facing <u>SOUTH</u></b>	
<b>String 1 – Proposed number of modules:</b>	
<b>Proposed installed total capacity:</b>	
<b>Orientation (Variation from South):</b>	
<b>Inclination (Variation from Horizontal):</b>	
<b>Is any shading present within 10m of the proposed array?</b>	
<b>String 2 – Proposed number of modules:</b>	
<b>Proposed installed total capacity:</b>	
<b>Orientation (Variation from South):</b>	
<b>Inclination (Variation from Horizontal):</b>	
<b>Is any shading present within 10m of the proposed array?</b>	
<b>String 3 – Proposed number of modules:</b>	
<b>Proposed installed total capacity:</b>	
<b>Orientation (Variation from South):</b>	
<b>Inclination (Variation from Horizontal):</b>	
<b>Is any shading present within 10m of the proposed array?</b>	

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<b><u>Electrical Assessment</u></b>	
<b>Distribution Network Operator (DNO) for this region?</b>	
<b>Which Engineering Recommendation will apply to this installation? (e.g. G83/2)</b>	
<b>Will permission from the DNO be required prior to installation?</b>	
<b>Customer's electrical supplier?</b>	
<b>Proposed method of connection to the Consumer Unit?</b>	
<b>Is the existing electrical installation in good condition?</b>	
<b>What is the distance from the Consumer Unit to the proposed location of the inverter and what is the estimated voltage drop?</b>	
<b>Have regulatory periodic inspection and testing requirements been met?</b>	
<b>Is main earthing and bonding in place?</b>	

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<b><u>Proposed Location of Key Components</u></b>	
<b>Proposed location of Inverter:</b>	
<b>Proposed location of Generation Meter:</b>	
<b>Proposed location of the DC Disconnect and AC isolator:</b>	
<b>Do the proposed locations of the above meet with both the regulatory requirements and the customer's expectations?</b>	

<b><u>General</u></b>	
<b>Will the installation work result in non-compliance with the Building Regulations in relation to workmanship; materials; structural stability; fire safety; resistance to moisture; conservation of fuel and power and electrical safety?</b>	
<b>Will the proposed installation result in non-compliance with the IET wiring regulations?</b>	
<b>Will the proposed installation be compliant with any requirements stated by the Solar PV system component products manufacturers?</b>	
<b>Will any form of protected species be disturbed during the installation process?</b>	