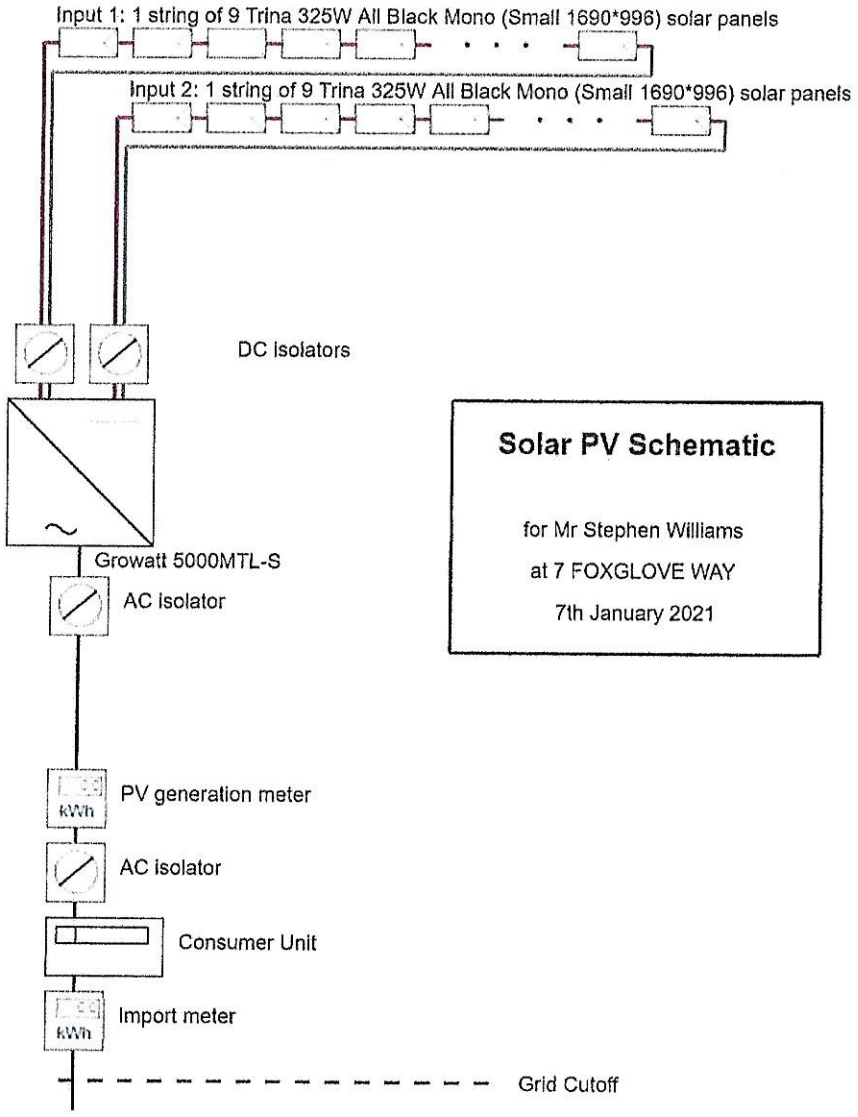
7 Foxglove Way inclination Ref LU/26/21/CLP

Schematic diagram



Annual Output Performance Estimate

Site Details

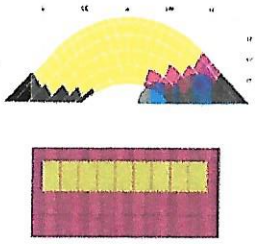
Client	Mr Stephen Williams
Address	7 FOXGLOVE WAY
	BN176UN
Postcode zone	Zone 2

The sunpath diagram shows the arcs of the sky that the sun passes through at different times of the day and year as yellow blocks. The shaded area indicates the horizon as seen from the location of the solar array. Where objects on the horizon are within 10m of the array, an added semi-circle is drawn to represent the increased shading. Blocks of the sky that are shaded by objects on the horizon are coloured red, and a shading factor is calculated from the number of red blocks.

The performance of the solar array is calculated by multiplying the size of the array (kWp) by the shading factor (sf) and a site correction factor (kk), taken from tables which take account of the geographical location, orientation and inclination of the array.

Inverter 1: Growatt SPH3600

Input 1



A: Installation data	
Installed capacity	2.925 kWp
Orientation	-5°
Inclination	35°
B: Calculations	
kWh/kWp (kk)	1129
Shade factor (sf)	0.89
Estimated output	2939 kWh

Input 2: No panels

Total output over all inverter inputs: 2939 kWh

ARUN DISTRICT COUNCIL LU/26/21/CLP