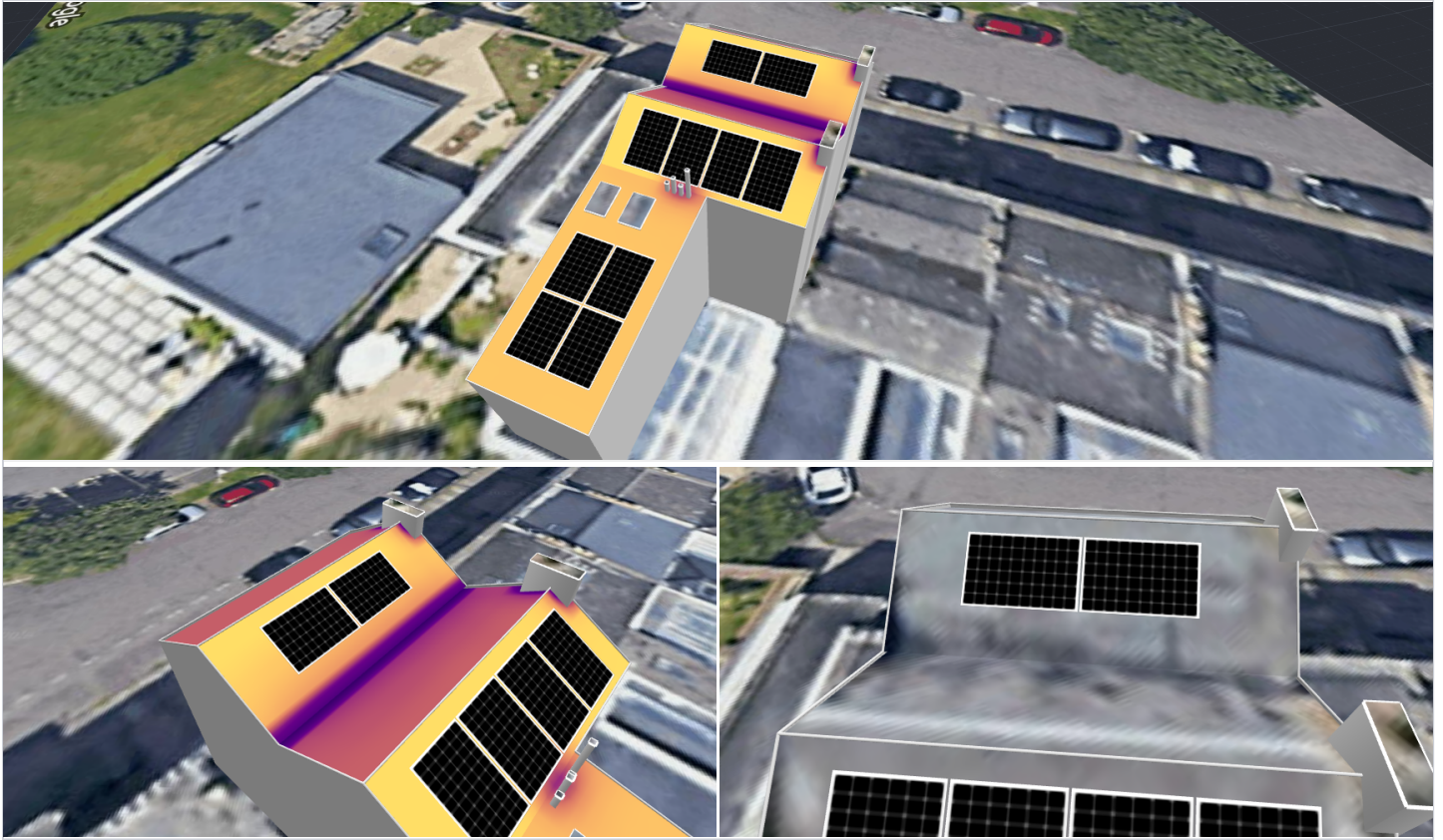


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SIMULATION RESULTS



Installed DC Power

4.15 kWp



Max Achieved AC Power

3.00 kW



Annual Energy Production

3.59 MWh



CO2 Emission Saved

695.16 kg



Equivalent Trees Planted

32

ELECTRICAL DESIGN

Inverters & Storage

Strings per inverter Optimizers per string

PV modules per string



1 x SE3000H
3.94kW | 131% Oversizing

1 x string



10 x S440

10

SYSTEM OVERVIEW

10 PV modules

1 Inverter

10 Optimizers

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PV MODULES

# Module	Model	Peak power	Racking type	Orientation	Azimuth	Tilt
4	Perlight Solar Co. Ltd., PLM-4150M6B-60 (user-defined)	1.7 kWp			130°	30°
4	Perlight Solar Co. Ltd., PLM-4150M6B-60 (user-defined)	1.7 kWp			130°	11°
2	Perlight Solar Co. Ltd., PLM-4150M6B-60 (user-defined)	0.8 kWp			130°	30°
Total:	10	4.2 kWp				

BILL OF MATERIALS (BOM)

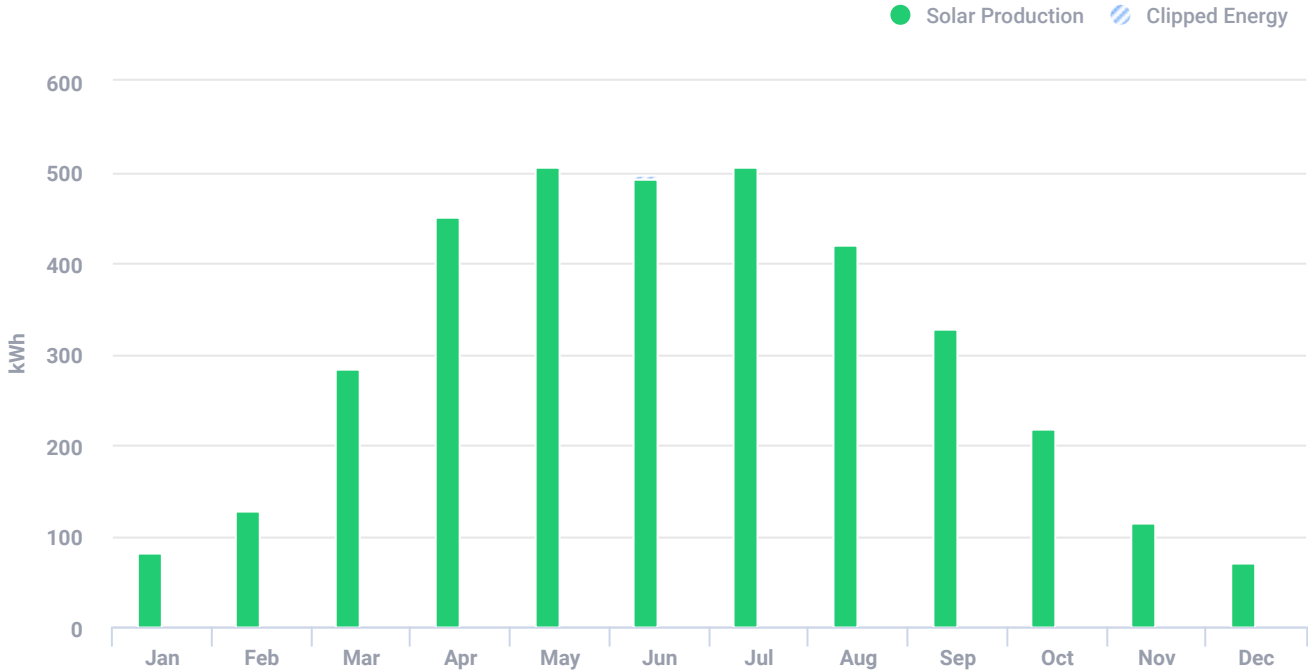
Items	Part Number	Quantity	Price (£)	Total (£)
SE3000H 3kW "Home Wave" Single Phase Inverter	SE3000H-RW000BEN4	1	0.00	0.00
S440 input up to 440Wp, Max Isc 14.5A	S440-1GM4MRM	10	0.00	0.00
PLM-4150M6B-60		10		

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ESTIMATED MONTHLY ENERGY



Total clipped energy: 0.19%

SYSTEM LOSS DIAGRAM

