

SHAWCLOUGH COMMUNITY PRIMARY SCHOOL 450W PANELS

Whitworth Road 511, Rochdale, OL12 6EZ, United Kingdom | 19 Sept 2022



SYSTEM OVERVIEW

 105 PV modules

 4 Inverters

 105 Optimizers

 2 Batteries

SIMULATION RESULTS


Installed DC Power
47.25 kWp


Max Achieved AC Power
40.00 kW


Annual Energy Production
28.58 MWh


CO2 Emission Saved
6.66 t

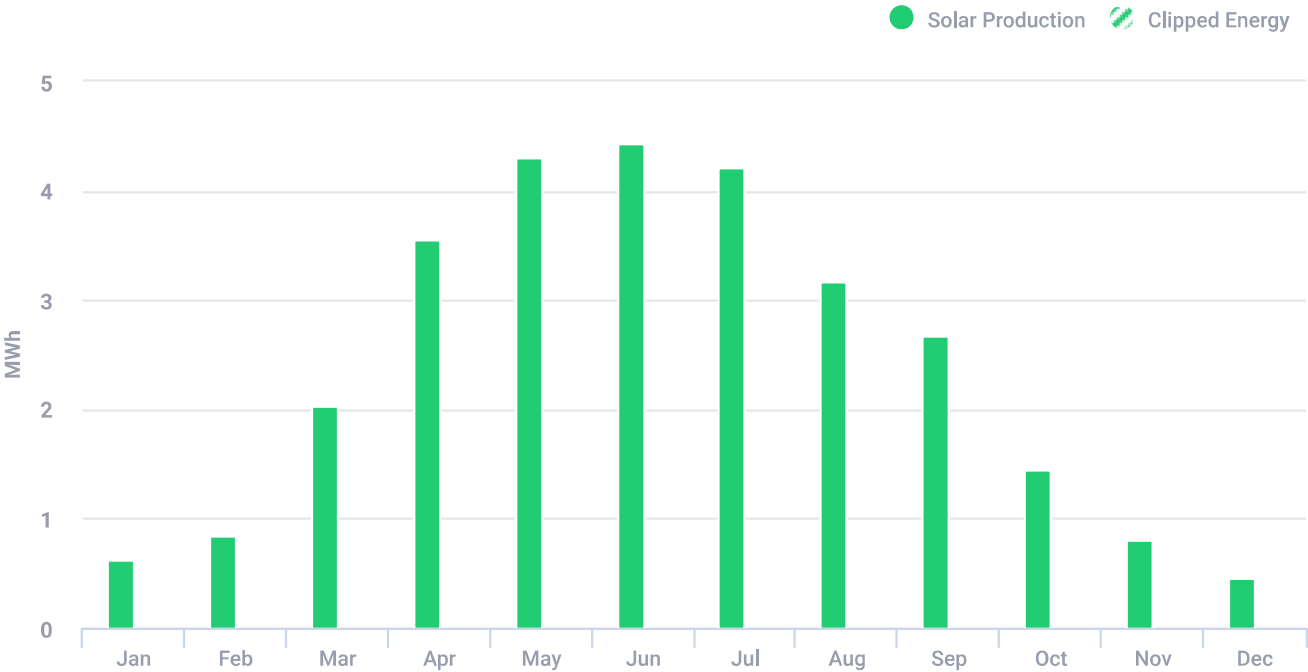

Equivalent Trees Planted
306

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ESTIMATED MONTHLY ENERGY



Total clipped energy: 0.08%

PV MODULES

# Module	Model	Peak power	Racking type	Orientation	Azimuth	Tilt
24	Longi Solar, LR4-72HIBD-450M	10.8 kWp			223°	43°
81	Longi Solar, LR4-72HBD-450M	36.5 kWp			223°	43°
Total: 105		47.3 kWp				