Sweden | May 9, 2022

NOTIFICATIONS

Warning: 1 PV modules are not wired; they are ignored in this report.

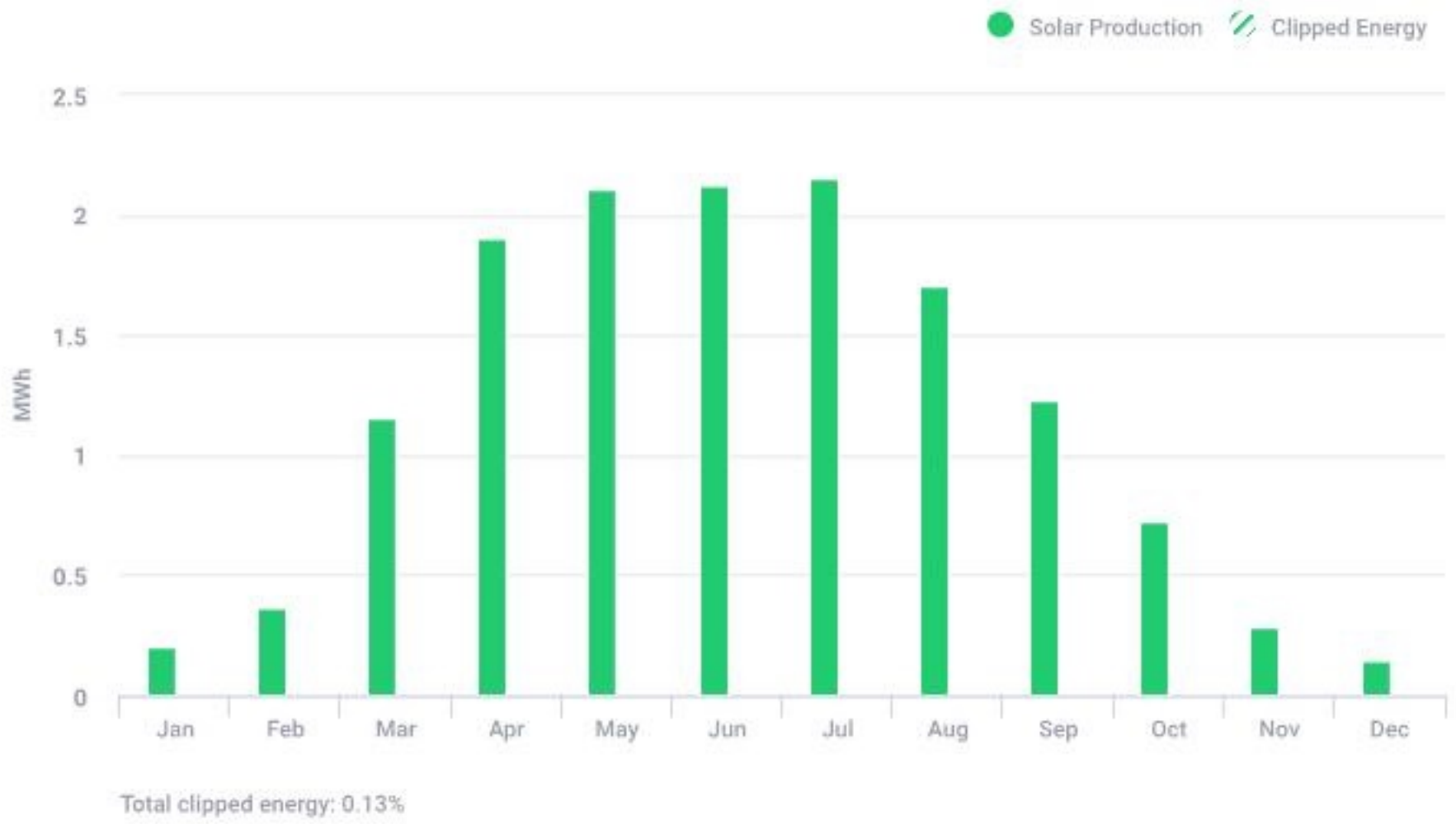
SYSTEM OVERVIEW

37 PV modules | 1 Inverters | 37 Optimizers

SIMULATION RESULTS

Installed DC Power	Max Achieved AC Power	Annual Energy Production	CO2 Emission Saved	Equivalent Trees Planted
14.06 kWp	11.25 kW	14.11 MWh	183.46 kg	8

ESTIMATED MONTHLY ENERGY



Total clipped energy: 0.13%

Sweden | May 9, 2022

PV MODULES

# Module		Model	Peak power	Racking type	Orientation	Azimuth	Tilt
	37	Heckert Solar AG, NeMo 3.0 120M 380 Wp (user-defined)	14.1 kWp			240°	45°
Total:	37		14.1 kWp				

BILL OF MATERIALS (BOM)

Items	Quantity	Price (kr)	Total (kr)
SE17K	1		
S440	37		
NeMo 3.0 120M 380 Wp	38		

ELECTRICAL DESIGN

Inverters & Storage	Strings per inverter	Optimizers per string	PV modules per string
1 x SE17K 13.37kW | 79%	1 x string	37 x S440	37

SIMULATION PARAMETERS

LOCATION & GRID

Time zone	GMT+2 (Stockholm)
Weather station	
Station altitude	3 m
Station data source	Meteonorm 7.1
Grid	400V L-L, 230V L-N

LOSS FACTORS

Near shading	Enabled
Albedo	0.20
Soiling/Snow	0%
Incidence angle modifier (IAM), ASHRAE b0 param.	0.05
Thermal loss factor Uc (const) Flush mount	20
Thermal loss factor Uc (const) Tilted	29
LID loss factor	0%
System unavailability	0%