

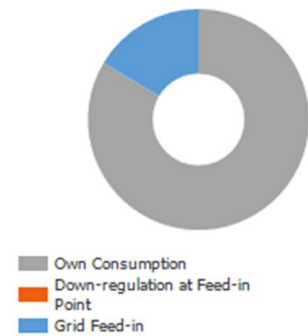
Simulation Results

Results Total System

PV System

PV Generator Output	215.2 kWp
Spec. Annual Yield	1,011.20 kWh/kWp
Performance Ratio (PR)	88.5 %
Yield Reduction due to Shading	2.6 %/Year
PV Generator Energy (AC grid)	217,593 kWh/Year
Own Consumption	181,784 kWh/Year
Down-regulation at Feed-in Point	0 kWh/Year
Grid Feed-in	35,809 kWh/Year
Own Power Consumption	83.5 %
CO ₂ Emissions avoided	130,535 kg / year

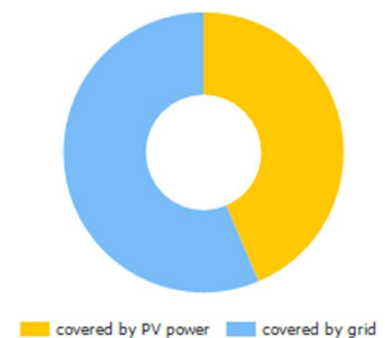
PV Generator Energy (AC grid)



Appliances

Appliances	417,147 kWh/Year
Standby Consumption (Inverter)	34 kWh/Year
Total Consumption	417,181 kWh/Year
covered by PV power	181,784 kWh/Year
covered by grid	235,397 kWh/Year
Solar Fraction	43.6 %

Total Consumption



Level of Self-sufficiency

Total Consumption	417,181 kWh/Year
covered by grid	235,397 kWh/Year
Level of Self-sufficiency	43.6 %