

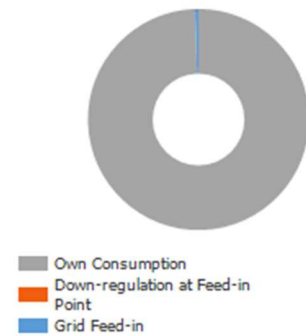
Simulation Results

Results Total System

PV System

PV Generator Output	177.5 kWp
Spec. Annual Yield	874.45 kWh/kWp
Performance Ratio (PR)	88.1 %
Yield Reduction due to Shading	1.2 %/Year
PV Generator Energy (AC grid)	155,186 kWh/Year
Own Consumption	154,416 kWh/Year
Down-regulation at Feed-in Point	0 kWh/Year
Grid Feed-in	769 kWh/Year
Own Power Consumption	99.5 %
CO ₂ Emissions avoided	93,103 kg / year

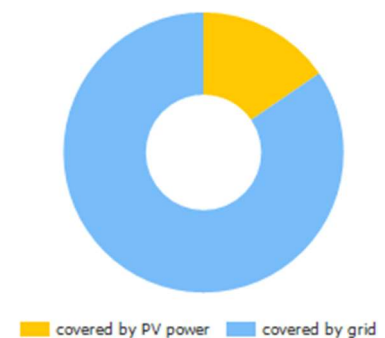
PV Generator Energy (AC grid)



Appliances

Appliances	1,000,000 kWh/Year
Standby Consumption (Inverter)	15 kWh/Year
Total Consumption	1,000,015 kWh/Year
covered by PV power	154,416 kWh/Year
covered by grid	845,598 kWh/Year
Solar Fraction	15.4 %

Total Consumption



Level of Self-sufficiency

Total Consumption	1,000,015 kWh/Year
covered by grid	845,598 kWh/Year
Level of Self-sufficiency	15.4 %