



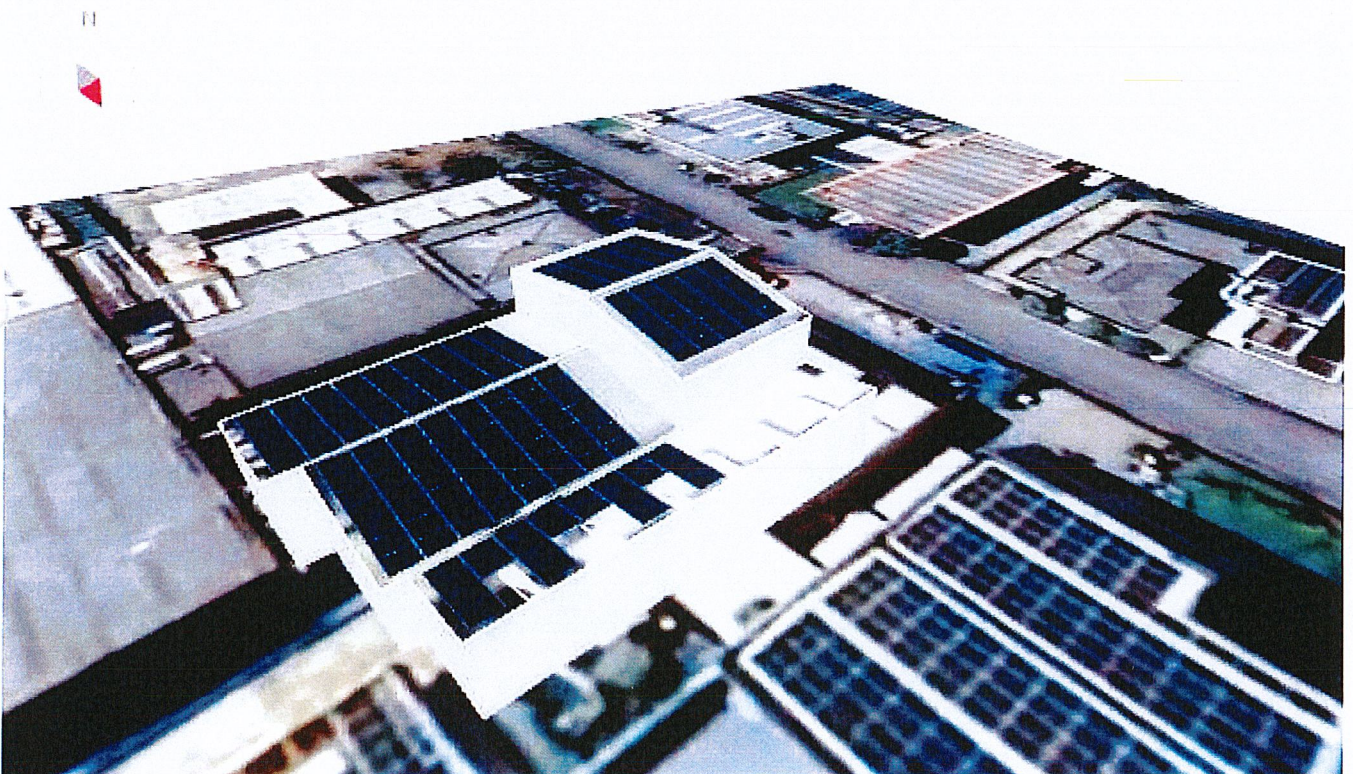
 FusionSolar / SmartDesign

MIGLIORANZA srl

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 GIESSEDUE

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Panoramica del progetto

Capacità sistema



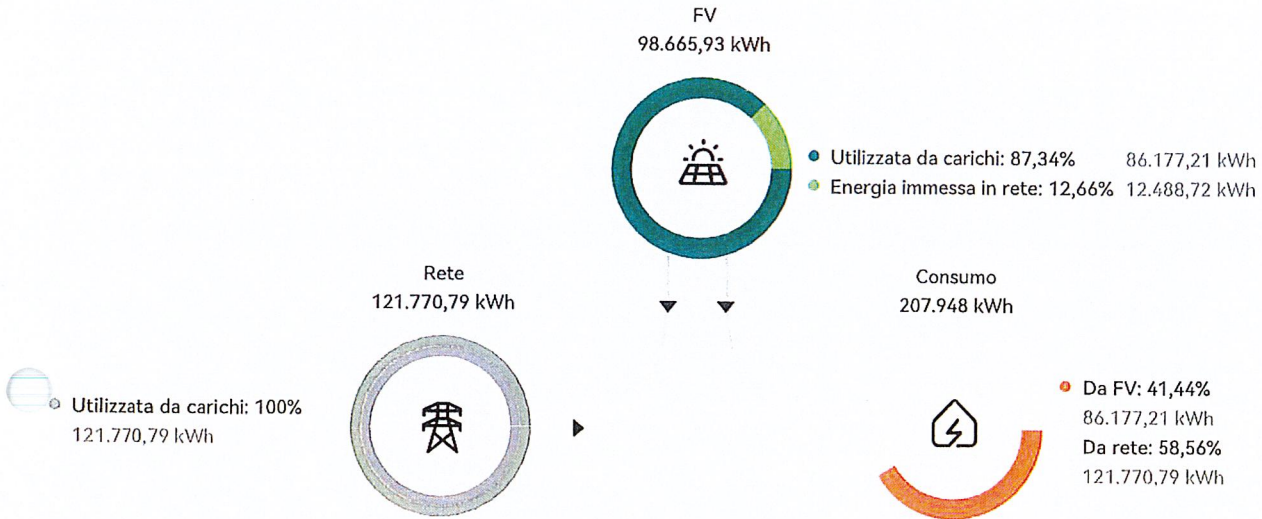
Sistema FV 87,29 kWp
 Potenza CA 72 kW
 Rapporto di capacità
 121,24%

Dispositivi

Nome dispositivo	Produttore/Modello	Quantità
Modulo FV	 FUTURASun/FU 430 MV	203
Inverter	 SUN2000-36KTL-M3	2
Ottimizzatore	 MERC-1100W-P	105

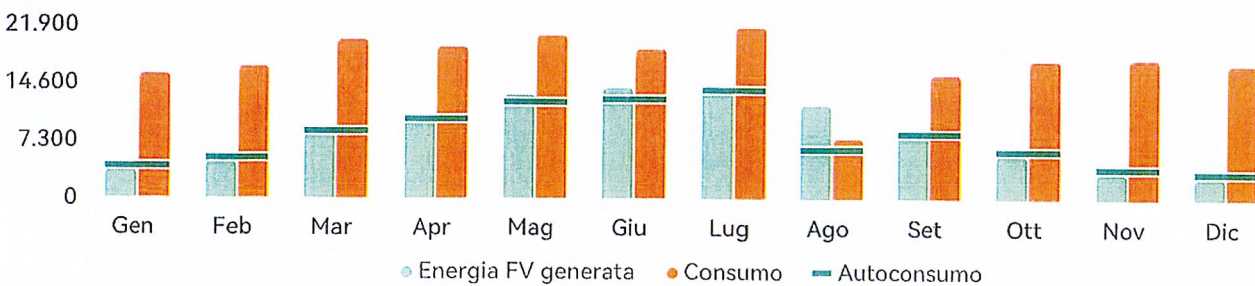
Gestione energetica

Dati del primo anno



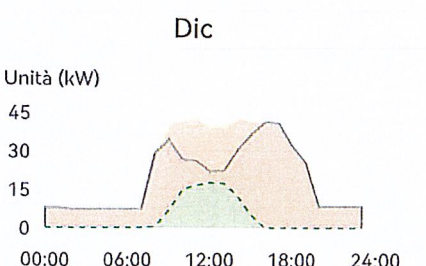
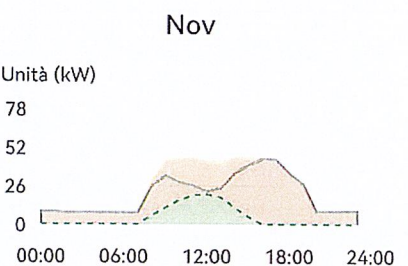
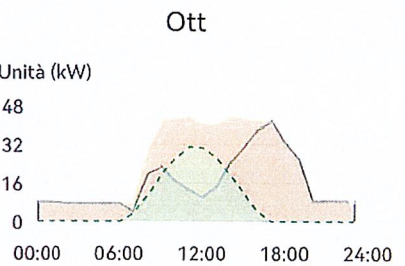
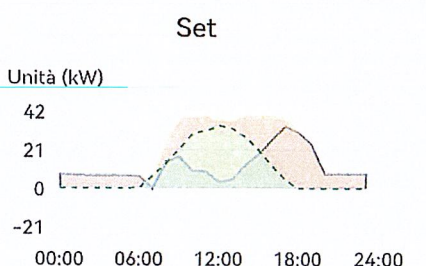
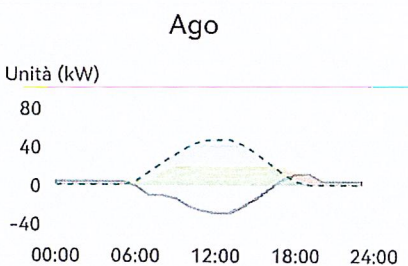
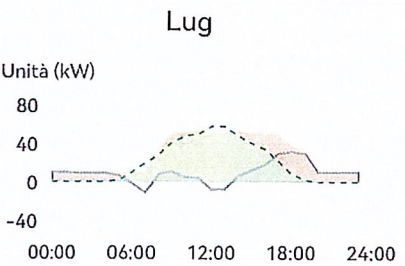
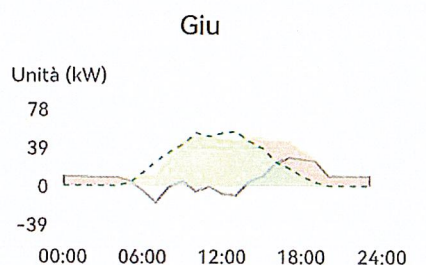
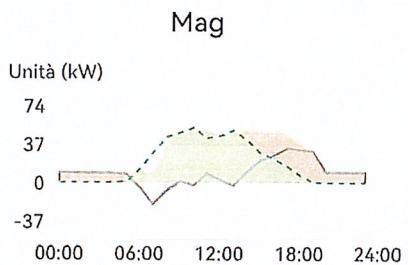
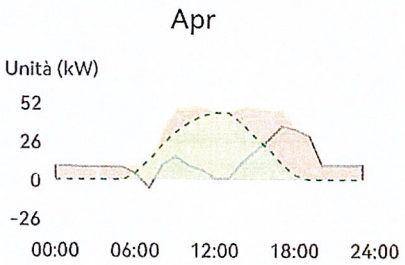
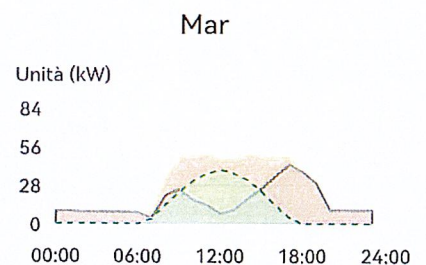
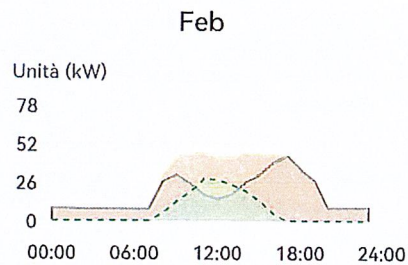
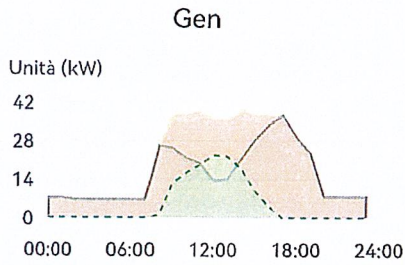
Consumo mensile di energia nel primo anno

Unità (kWh)

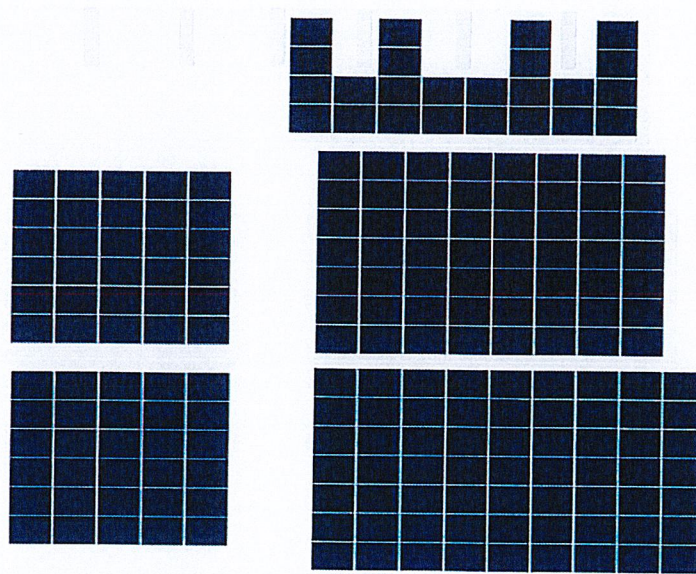


Curva di potenza

■ Potenza di carico
 ■ +Potenza di rete/-Potenza di feed-in
 ■ Potenza PV



Layout modulo FV Edificio 1

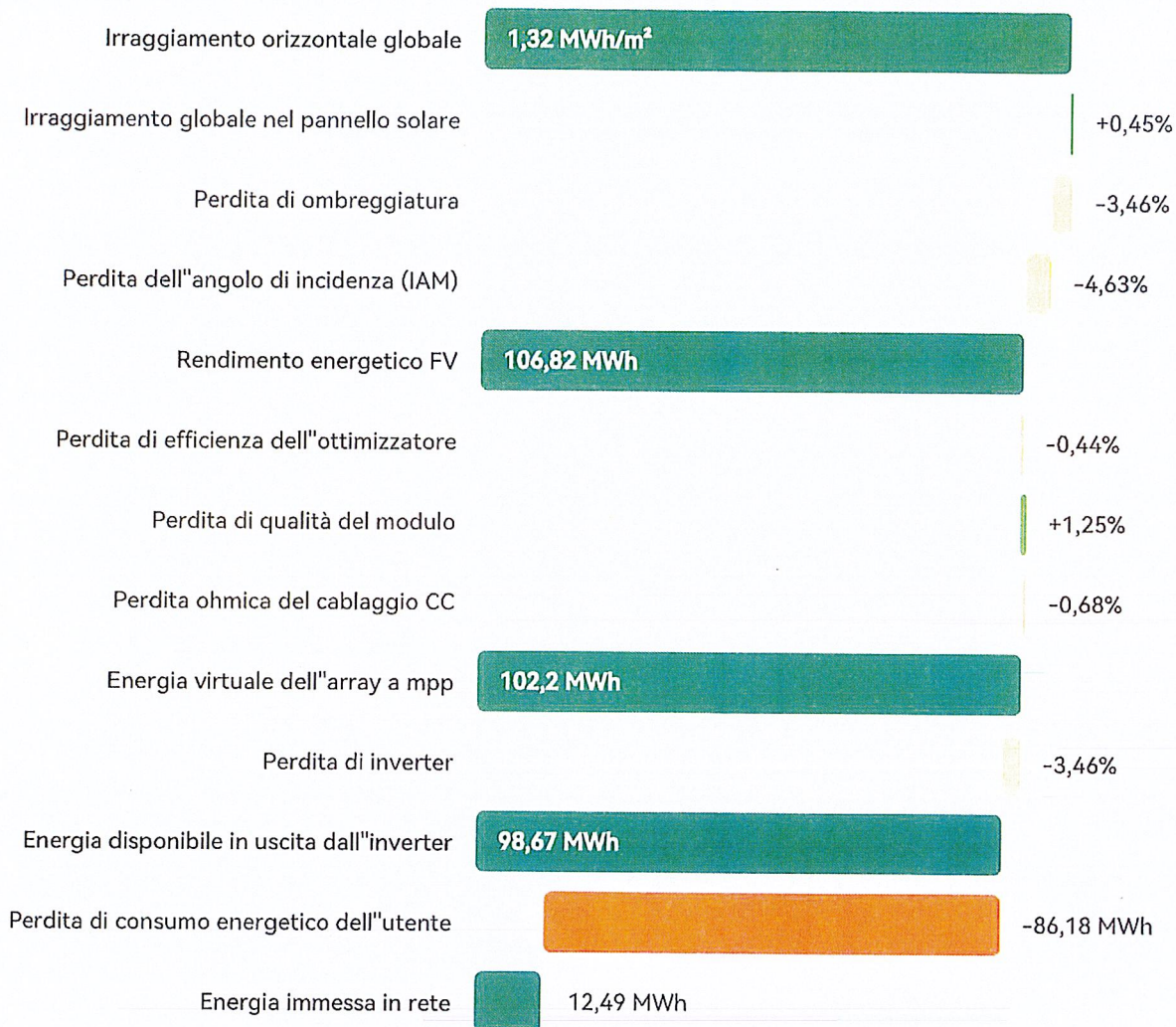


Area	Quantità	Azimut	Tilt assoluto
area 1	30	-11°	10°
area 2	30	169°	10°
area 3	63	-11°	9°
area 4	56	169°	10°
area 5	24	-11°	10°

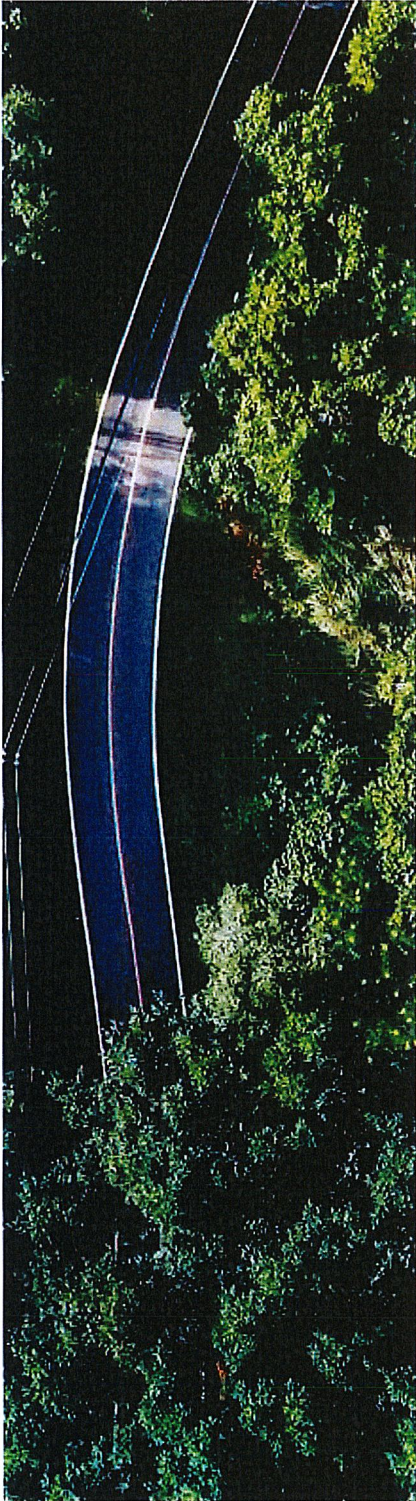
Collegamento elettrico

Inverter	MPPT	Stringa FV	Ottimizzatore	Modulo FV
# 1 - SUN2000-36KTL-M3 d MERC-1100W-P	MPPT1	∞ Stringa1	☐ 17	☀ 34
	MPPT2	∞ Stringa2	☐ 18	☀ 34
	MPPT3	∞ Stringa3	☐ 17	☀ 34
	MPPT1	∞ Stringa1	☐ 18	☀ 34
	MPPT2	∞ Stringa2	☐ 18	☀ 34
	MPPT3	∞ Stringa3	☐ 17	☀ 33

Diagramma di perdita del sistema



Vantaggi ambientali



44,5 tonnellate
CO₂ ridotta



61
Alberi piantati equivalenti



37 tonnellate
Carbone standard risparmiato

Parametri di simulazione

Fuso orario	UTC +1:00
Stazione meteo	Milano/Malpensa
Dati meteorologici	Meteonorm
Tipo rete	230 V/400 V
Altitudine impianto	211 m