
Produzione a consuntivo dell'impianto fotovoltaico (Billerio - 46°13'37" Nord, 13°11'42" Est)

costituito da 45 pannelli per complessivi 10,35 kWp nominali

PV power estimate information - Google Chrome

re.jrc.ec.europa.eu/pvgis/apps3/PVcalc.php

Performance of Grid-connected PV

NOTE: before using these calculations for anything serious, you should read [\[this\]](#)

PVGIS estimates of solar electricity generation

Location: 46°13'37" North, 13°11'42" East, Elevation: 0 m a.s.l.,

Nominal power of the PV system: 10.3 kW (CdTe)
Estimated losses due to temperature: -0.0% (using local ambient temperature)
Estimated loss due to angular reflectance effects: 3.2%
Other losses (cables, inverter etc.): 8.0%
Combined PV system losses: 10.9%

Fixed system: inclination=18°, orientation=-1°				
Month	E_d	E_m	H_d	H_m
Jan	17.00	528	1.78	55.1
Feb	24.00	673	2.52	70.6
Mar	32.70	1010	3.51	109
Apr	41.30	1240	4.50	135
May	46.40	1440	5.10	158
Jun	49.00	1470	5.43	163
Jul	50.80	1570	5.61	174
Aug	47.20	1460	5.21	162
Sep	38.20	1150	4.13	124
Oct	26.70	828	2.83	87.7
Nov	17.70	530	1.85	55.4
Dec	12.30	383	1.29	39.9
Yearly average	33.7	1020	3.65	111
Total for year		12300		1330

E_d : Average daily electricity production from the given system (kWh)
 E_m : Average monthly electricity production from the given system (kWh)
 H_d : Average daily sum of global irradiation per square meter received by the modules of the given system (kWh/m²)
 H_m : Average sum of global irradiation per square meter received by the modules of the given system (kWh/m²)

* articolo completo su www.peressoni.it
