

## Estimation of PV electricity generation for the chosen location

Modify the parameters of your PV installation and click the "Submit" button. [[help](#)]

PV technology:

Enter installed peak PV power  kWp

Estimated system losses (%) [0.0:100.0]

Module inclination [0,90]  deg.

Module orientation [-180;180] (E:-90 S:0)  deg.

Use given inclination and orientation

Find optimal inclination for given orientation

Find optimal inclination and orientation

Show performance for 2-axis tracking system

Show horizon outline graph

Show also the in-plane irradiation

**Click to confirm your choice**

Location: 45°53'59" North, 16°50'59" East, Elevation: 135 m a.s.l,  
Nearest city: Bjelovar, Croatia (1413986 km away)

**Nominal power of the PV system: 10.0 kW (crystalline silicon)**

**Inclination of modules: 35.0°**

**Orientation (azimuth) of modules: 0.0°**

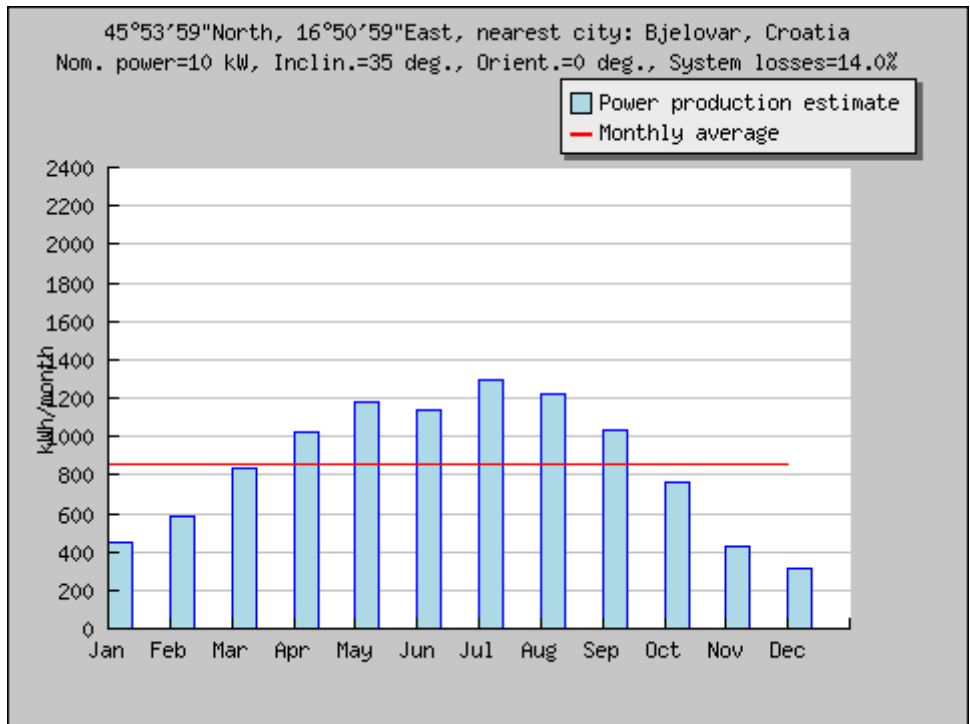
**Estimated losses due to temperature: 7.6% (using local ambient temperature data)**

**Estimated loss due to angular reflectance effects: 2.9%**

**Other losses (cables, inverter etc.): 14.0%**

**Combined PV system losses: 24.4%**

**This graph and table show the (estimated) amount of electric power you can expect each month from a PV system with the properties you entered (using optimal inclination and orientation, if you requested so). It also shows the expected average daily and yearly production.**



**PV electricity generation for:**  
**Nominal power=10.0 kW,**  
**System losses=14.0%**

Inclination=35 deg., Orientation=0 deg.		
Month	Production per month (kWh)	Production per day (kWh)
Jan	444	14
Feb	587	21
Mar	840	27
Apr	1022	34
May	1176	38
Jun	1142	38
Jul	1294	42
Aug	1217	39
Sep	1034	34
Oct	757	24
Nov	423	14
Dec	312	10
<b>Yearly average</b>	<b>854</b>	<b>28</b>
<b>Total yearly production (kWh)</b>	<b>10247</b>	