

PVsyst - Simulation report

Grid-Connected System

Project: Valstybinis mokslinių tyrimų institutas, Savanorių pr. 231, Vilnius

Variant: Savanorių pr. 231

Tables on a building

System power: 95.5 kWp

Bukčiai - Lithuania

Author

Saulės Graža (Lithuania)



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PVsyst V7.2.4

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Project summary

Geographical Site Bukčiai Lithuania	Situation Latitude 54.64 °N Longitude 25.18 °E Altitude 165 m Time zone UTC+2	Project settings Albedo 0.20
Meteo data Bukčiai Meteonorm 8.0 (2007-2017), Sat=100% - Synthetic		

System summary

Grid-Connected System PV Field Orientation Fixed planes 2 orientations Tilts/azimuths 16 / -31 ° 19 / 61 °	Tables on a building Near Shadings Linear shadings	User's needs Unlimited load (grid)
System information PV Array Nb. of modules 269 units Pnom total 95.5 kWp	Inverters Nb. of units 2 units Pnom total 80.0 kWac Pnom ratio 1.194	

Results summary

Produced Energy 94.84 MWh/year	Specific production 993 kWh/kWp/year	Perf. Ratio PR 87.87 %
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