

# PVsyst - Simulation report

## Grid-Connected System

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Project: Valstybinis mokslinių tyrimų institutas. Saulėtekio al. 3, Vilnius.

Variant: Saulėtekio al. 3

Tables on a building

System power: 250 kWp

Pylimėliai - Lithuania

**Author**

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**PVsyst V7.2.4**

VC0, Simulation date:  
08/07/21 22:55  
with v7.2.4

Saulės Graža (Lithuania)

**Project summary**

<b>Geographical Site</b>		<b>Situation</b>		<b>Project settings</b>	
<b>Pylimėliai</b>		Latitude	54.72 °N	Albedo	0.20
Lithuania		Longitude	25.33 °E		
		Altitude	133 m		
		Time zone	UTC+2		
<b>Meteo data</b>					
Pylimėliai					
Meteonorm 8.0 (2007-2017), Sat=100% - Synthetic					

**System summary**

<b>Grid-Connected System</b>		<b>Tables on a building</b>		<b>User's needs</b>	
<b>PV Field Orientation</b>		<b>Near Shadings</b>		Unlimited load (grid)	
Fixed plane		Linear shadings			
Tilt/Azimuth	15 / 1 °				
<b>System information</b>					
<b>PV Array</b>					
Nb. of modules	703 units	<b>Inverters</b>		3 units	
Pnom total	250 kWp	Nb. of units		240 kWac	
		Pnom total		1.040	
		Pnom ratio			

**Results summary**

Produced Energy	245.5 MWh/year	Specific production	984 kWh/kWp/year	Perf. Ratio PR	86.02 %
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