

INSTALLATION OF A SOLAR POWER PLANT FOR THE NOVOHRAD-VOLYNSKIY CITY TERRITORIAL MEDICAL ASSOCIATION



Zviahel city, Zhytomyr Oblast, Ukraine

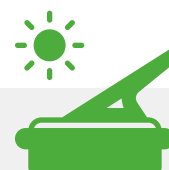
TECHNICAL CHARACTERISTICS

- 60 solar panels
- 32.4 KW is the total capacity of the solar station
- 540 W is the power of one solar panel
- 30 kW is the inverter power



TERMS OF OPERATION

- 10 years is the term of effective operation
- 5 years is the warranty period of the inverter
- 25 years is the warranty period of operation of solar panels



EXPECTED RESULTS

- ⚡ 37,560 kWh of the planned output of the solar station per year
- ⚡ Generation of electricity from renewable sources for the needs of the hospital

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- ⚡ 12 400 EUR savings on electricity supply services per year (December 2022 tariff)



ABOUT THE PROJECT

- Solar Aid For Ukraine aims to raise funds for solar power plants for critical infrastructure in Ukraine.
- NGO Ecoclub received about 30 requests from Ukrainian municipalities to install SPP for their facilities. After installing SPP for the selected medical facilities we will scale the project.

PROJECT BUDGET

- € 21 000 EUR - funds from the Sustainability4Ukraine marathon
- € 600 EUR - co-financing from the e.V. Austausch
- € 2 100 EUR - free equipment from the contractor



YouTube Video:
Solar Aid For Ukraine



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