

The 1,800-hectare site would include solar panels, two battery energy storage system (BESS) facilities, an energy substation and access roads. Situated in the NSW Government's South West Renewable Energy Zone (REZ), the project has the potential to produce up to 600MW of energy - enough to power more than 80,000 homes.

According to data presented at the Solarplaza Summit Romania event by the Romanian Photovoltaic Industry Association (RPIA), at the beginning of 2023 the country had 1,413 MW of installed solar capacity, most of which was built before 2015.

The INVL Renewable Energy Fund I managed by INVL Asset Management has concluded an agreement on the acquisition of a solar farm project in Romania with a capacity of 174 MW. Latest acquisition will increase total investments in the fund's projects in Romania at 350 million Euro.

Romania has set ambitious targets for developing renewable energy sources, including solar power. This article provides a comprehensive overview of the current state of large-scale PV projects in Romania, covering project details, readiness levels, key players, and the overall impact on the energy sector and the environment.

According to the International Renewable Energy Agency (IRENA), Romania is now considered one of the top ten solar markets in Europe, with a total installed solar photovoltaic capacity of 1,545 MW as of the end of 2023.

Romania has set an ambitious target to install over 8 Gigawatts of solar energy capacity by 2030, which is anticipated to constitute 24% of its gross final electricity consumption from renewable sources.

The new plan aims for 36% of Romania's energy to come from renewables by 2030 - higher than the figure allocated it by the European Commission - with 8.3 GW of solar and 7.6 GW of wind.

Amsterdam-based renewables developer Photon Energy NV (WSE:PEN) has grid-connected its tenth solar farm in Romania, powering up a facility with 3.8 MWp of capacity. The new plant is located near the town of Bocsa in Caras-Severin County.

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