# Expected ROI of Solar Inverter project in Indonesia 2030

How Indonesia PV inverter market will grow in 2022?
Indonesia PV inverter market is expected to grow significantly due to the government's inclination toward the adoption of solar energy for power generation. According to Indonesia's Ministry of Energy and Mineral Resources,as of 2022,the total solar panel installed capacity was 62 MW across 5,500 households and industrial locations.

Will solar be the backbone of Indonesia's energy system by 2030?
The International Renewable Energy Agency (IRENA) says that solar could become the backbone of Indonesia's energy system by 2030. However,the nation's own expectations are still far off from IRENA's scenarios.

Could foreign companies be involved in Indonesia's solar power growth?
The project was a joint venture between Indonesia's state utility company and Masdar,a United Arab Emirates-based renewable energy company. It highlights the potentialfor foreign companies to be involved in Indonesia's solar power growth and signals a favourable regulatory and economic climate for investors.

Is solar power a good investment for Indonesia?
Solar power is best placed to ensure that the RUKN 75 GW target for RE is achieved ahead of the 2035 deadline. Indonesia currently has at least 16.5 GW of prospective solar projects, which is more than five times higher than the JETP Comprehensive Investment and Policy Plan (CIPP) (3.1 GW), and 30% higher than the 2030 RUKN solar target (12.8 GW).

How many solar projects are there in Indonesia?
Indonesia currently has at least 16.5 GWof prospective solar projects,which is more than five times higher than the JETP Comprehensive Investment and Policy Plan (CIPP) (3.1 GW),and 30% higher than the 2030 RUKN solar target (12.8 GW). There is time to deploy more of the current projects before 2035 and even before 2030.

What is the optimum solar power market scenario in 2030?
Based on IRENA data,an optimum scenario for the solar power system market is likely to reach 34 GWpin 2030,while National Energy Master Plan (RUEN) data projects will be 13 GWp for low market scenarios. The scenarios are in line with the 2024 PLN transformation plan. Content may be subject to copyright. Arifin,Z.l.,Triyono,N.A..

Typically, in Jakarta, residential solar systems have an average ROI of about 5 to 7 years. For a more precise estimate tailored to specific local conditions, it is recommended to reach out to Jakarta SolarSM for a detailed financial analysis.

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