



# Expected ROI of on grid solar storage project in Philippines 2030

What is the impact of a solar power project in the Philippines?

The project has strong sustainability credentials, notably because of its impact in decarbonising the Philippines' energy system (SDG7), but also by generating power to support economic development (SDG8), creating more than 10,000 new jobs (SDG8), and facilitating local development (SDGs3+4).

What is the Terra solar project?

The Philippines is showing real purpose on the energy transition and no project represents this more than the Terra Solar Project. It will co-locate solar PV with battery storage on a scale the region hasn't seen before, backed by a sizeable PSA, to deliver a stable renewable power supply to the main grid of Luzon in the Philippines.

Is the Philippines a good place to invest in solar power?

The Philippines is an emerging solar photovoltaic (PV) market, installing ~1GW in the span of last 2 years. This growth was enabled by the enactment of supporting policies: feed-in-tariff (FIT) and net-metering (NM), despite increasing criticism on the latter.

What happens if a solar project doesn't get the FIT rate?

Solar projects which are not awarded the FIT rate may be forced to sell their electricity to the spot market, at an average rate of ~EUR/kWh 0.06 (Philippine Electricity Market Corporation, 2017). The FIT also had a depression rate of 6% for each year from the date the policy was implemented.

Does interannual growth in PV power production reflect the potential realizable capacity?

This study addresses the terms, conditions and effectiveness of these policies reflected as the interannual growth in PV power production with respect to the potential realizable capacity in the country.

Why is Actis investing in the Terra solar project?

Lucy Heintz, Partner, Head of Energy Infrastructure at Actis, commented: "The scale of the Terra Solar Project and its capacity to provide clean power is enormous. It's the single biggest such project in the world, visible from space, and Actis' investment in the project marks an exciting moment."



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