



Expected ROI of off grid solar storage project in Indonesia 2025

How Indonesia is reforming the local content requirement policy for solar energy?

bulk solar project procurement. Finally, the Indonesian government, specifically the MEMR and Ministry of Industry (MoI), has finally taken an important action to reform the local content requirement (LCR) policy for solar energy, with the MoI Regulation 33/2024, MoI Regulation 34/2024 and MEMR Regulation 11/2024 are

What is the potential of rooftop solar PV in Indonesia?

According to an article by Business Indonesia published in May 2024, one of the major potentials is presented by the utilization of rooftop solar PV for households in Indonesia. With a potential capacity of 32.5 GW, Indonesia's rooftop solar PV, as of June 2023, produces up to 95 MW, with the household sector accounting for 72% of the share.

What are the local content requirements for solar projects in Indonesia?

Indonesia has onerous local-content requirements for solar projects divided by project type (on-grid vs. off-grid) and by components (see Appendix B for details). The local content rules' goal is to have 42.2% of a PV project rely on locally-made equipment but Indonesia's solar industry lacks the maturity and scale required to meet such a target.

Can emerging markets offer a solar park model in Indonesia?

Indonesia is investigating a similar solar park model - providing developers with free land and grid connections - in Eastern Indonesia. It is possible for emerging markets to provide transparency on upcoming tenders and the opportunities they offer developers.

How much money does it cost to install solar panels in Indonesia?

Installing 18GW of PV would require \$14.4 billion of investments: This amounts to more than 50 times the \$287 million invested in Indonesian PV deployments over 2005-20. The "pipeline" of PV projects in Indonesia under development today currently totals 2.7GWac. This translates to an estimated \$3 billion investment if all projects are developed.



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