# rooftop solar storage cost breakdown in Indonesia 2025

Will Indonesia add 2GW of new rooftop solar capacity by ?Indonesia plans to add almost 2GW of new rooftop solar capacity by the end of . Image: Sun Energy. Indonesia has issued rooftop solar PV system development quotas for state electricity company PLN between and , which aim to add 5.75GW of capacity. What is Indonesia's rooftop solar PV development quota?Indonesia has issued rooftop solar PV system development quotas of 5.75GW for state electricity company PLN between and . Why is the number of rooftop photovoltaic systems increasing in Indonesia?The number of rooftop photovoltaic (PV) systems in Indonesia has increased massively following the implementation of the net-metering (NEM) scheme. However, it is still below the target due to high investment costs and low electricity prices. How much does rooftop solar cost in Indonesia?However, due to Indonesia's low regulated electricity tariffs, rooftop solar is not an economic option for most consumers. In , the average PLN regulated tariff was just $0.07/kWh for households (including subsidized household groups), $0.08/kWh for industrial customers and $0.09/kWh for commercial customers. When did Indonesia regulate rooftop solar energy based on a ceiling price?The most recent regulation is solar energy based on a ceiling price. Indonesia began to regulate rooftop PV systems in  through the PLN Regulation No. of . Does Indonesia support rooftop solar PV?Timeline of rooftop solar PV policies in Indonesia. The MEMR cooperated with the United Nations Development Program (UNDP) in Indonesia to support rooftop PV implementations and introduced an incentive program for rooftop PV systems. The LCOE for utility-scale solar in Indonesia currently ranges from $65-$137/MWh (real dollars) and by is expected to sink to $27-48/MWh (real dollars) on the back of cheaper equipment, lower development costs and more attractive financing terms. The LCOE for utility-scale solar in Indonesia currently ranges from $65-$137/MWh (real dollars) and by is expected to sink to $27-48/MWh (real dollars) on the back of cheaper equipment, lower development costs and more attractive financing terms. Already, two-thirds of the world live in places where wind or solar are the cheapest options for new power generation - representing 77% of global GDP and 91% of global power generation. This supports the government's aspiration for a green and sustainable economy that creates economic benefits for  Indonesia's Ministry of Energy and Mineral Resources (EMR) has set a quota for the development of rooftop solar by state-owned electric utility Perusahaan Listrik Negara (PLN) through . The distribution of rooftop solar quotas in Indonesia is based on the electric power system. Between and  The Indonesia Solar Energy Outlook (ISEO) report highlights that solar energy growth in Indonesia has been slow compared to the targets outlined in PLN's National Energy General Plan and Electricity Supply Business Plan, with a total installed capacity of 718 MW as of August . However  In June , Indonesian authorities issued a quota for the development of rooftop solar systems by the state electricity utility PLN for the period -, aiming to add 5.75GW of installed PV capacity to the country. Indonesian think tank IESR said the total rooftop solar PV quota for 11 power  Indonesia has issued rooftop solar PV system development quotas for state electricity company PLN between and , which aim to add 5.75GW of capacity. According to Indonesian think tank Institute for Essential Services Reform

(IESR), the total rooftop solar PV quotas in 11 power systems  It adds that the newly issued quota is still not in line with the National Strategic Program target of reaching 3.6GW of rooftop solar capacity by , which was set in . According to research firm Rystad Energy, the installed rooftop solar capacity in Indonesia was only 0.192MWp as of May  Scaling Up Solar in IndonesiaThe LCOE for utility-scale solar in Indonesia currently ranges from $65-$137/MWh (real dollars) and by is expected to sink to $27-48/MWh (real dollars) on the back of  Indonesia Targets Over 5.7 GW of Rooftop Solar by It is calling on the government to pay attention to customer interest in the adoption of rooftop solar so it can increase the quota in , in an effort to achieve a targeted 23% of the energy mix from renewables in . Promoting residential rooftop solar photovoltaics in Indonesia: Net The number of rooftop photovoltaic (PV) systems in Indonesia has increased massively following the implementation of the net-metering (NEM) scheme. However, it is still  Opportunities for Increased Adoption of Solar Energy and Energy Institute for Essential Services Reform (IESR), a leading energy and environment think tank, has released two new studies on solar energy development and an  Indonesia issues new quota for rooftop solar system developmentAccording to Rystad Energy's analysis, the cost of large-scale ground-mounted solar projects in Indonesia has declined from about $2.6/MW in to $0.8/MW in , a  Indonesia to add 5.75GW rooftop solar PV between Indonesia's national electricity plan states a target 23% share of renewables in the electricity mix by , increasing from 14% in , according to the International Energy Agency (IEA). Indonesia's C& I key to rooftop solar PV development - PV TechIndonesia needs to tackle several obstacles to increase rooftop solar capacity. Winofa says low retail electricity prices, coupled with weak financial incentives, result in slow Indonesia unveils plan for 100 GW of solar The new initiative features plans for 80 GW of 1 MW solar minigrids with accompanying battery energy storage, to be deployed across 80,000 villages, alongside 20  Indonesia's solar outlook for shows promising The Indonesia Institute for Essential Services Reform (IESR) recently released its " Indonesia Solar Outlook" report, revealing that as of August, the country's installed photovoltaic capacity reached 717.71 MW. IESR

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