



# Huawei Solomon Islands Hybrid Energy Storage Project

Who is financing a solar energy project in the Solomon Islands? The Asian Development Bank, Saudi Fund for Development, and Solomon Power are all financing the project. A project is now underway on the Solomon Islands to help the country accelerate its renewable energy generation. Is Solomon Power constructing a new outstation in Malu'u? This is the first time in 31 years that Solomon Power is constructing a new outstation the last one being in Malu'u. The scope includes solar panels, battery storage system, back up diesel generator and 415 V distribution network to connect about 200 customers at each of these sites in Western Province and Choiseul Province. How is the Solomon Islands project funded? The project is being funded by a \$10 million concessional loan and a \$5 million grant from the Asian Development Bank (ADB), while the Saudi Fund for Development and state-owned Solomon Power are providing \$10 million each. The government of the Solomon Islands is providing \$7 million. What's new at Solomon Power station? The project was completed by MAN diesel for over SBD120m. The new station has been commissioned and is currently in operation. Furthermore to improve the reliability Solomon Power invested in a new 11 kV switchboard, two 1.6 MW diesel generators and two new power transformers at Honiara Power Station. What is Solomon Power's capital expansion programme? With a capital expansion programme of over SBD1 billion, Solomon Power strives to develop and implement its planned capital and infrastructure projects over the next five years that will support its mission to provide a safe, reliable and affordable supply of electricity to the Solomon Islands. Australian government funded solar hybrid For the benefit of over 81,000 residents that access the Atoifi Adventist Hospital in the Eastern Malaita province, the two-year project will see a solar hybrid system installed to ensure reliable 24/7 electricity is Case study: Solomon Islands' Energy Transition Pathway Development of utility-scale Battery Energy Storage for the Honiara grid 9 MW/24 MWh Battery Energy Storage System (BESS) for the Honiara grid to enable higher solar penetration (grid ADB, Partners to Help Solomon Islands Transition "It will install additional solar capacity in the country and deliver the largest grid-connected battery storage system in the Pacific, which is a crucial first step in expanding grid-connected renewable energy Renewables project to boost solar on Solomon The Solomon Islands Renewable Energy Development Project will finance two solar farms and a utility-scale grid-connected energy storage system on the Solomon Islands. The Asian Projects This project commenced in late to construct two new mini hybrid outstations. This is the first time in 31 years that Solomon Power is constructing a new outstation the last one being in First REnew Pacific project to benefit 81,000+ in remote Solomon Led by Superfly, a Solomon Islands-based solar energy company, the two-year project will install a solar hybrid system at Atoifi Adventist Hospital in Solomon Islands' Eastern 10kW+20kWh hybrid system in the Solomon Islands With this system, residents can enjoy reliable electricity, enhanced energy independence, and peace of mind, even in the face of unpredictable grid performance. Namkoo remains Hybrid system renewable energy Solomon Islands The Solomon Islands Renewable Energy Development Project complements other ADB energy sector interventions that help install more renewable energy generation, including the Tina Solomon



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