



# Solar back up power Nauru

The project will finance a 6MW grid connected solar power plant (measured as AC output) and 2.5MWh/5MW battery energy storage system (BESS) for solar smoothing energy storage (SSES).

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The Nauru Solar Power Development Project - Battery Energy Storage System is being developed by Nauru Utilities. The project is owned by Nauru Utilities (100%). The key applications of the project are renewable energy integration and grid support services.

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Pacific Environment Community (PEC) has invested an amount of USD 4 Mn to install a solar power generation system in Nauru. 17 In 2020, the per capita consumption of electricity stood at 3.7 MWh, which is higher as compared to the global average

The Solar Power Development Project will finance (i) a grid-connected solar power plant with a capacity of 6 megawatts (MW) of alternating current; and (ii) a 2.5-megawatt-hour, 5 MW battery energy storage system (BESS) to enable smoothing of intermittent solar energy.

The Asian Development Bank (ADB) and the government of Nauru signed on Friday a USD-22-million (EUR 20.1m) grant that will support a solar-plus-storage project in the Micronesian island nation.

Nauru has recently invested almost \$30 million in a photovoltaic and battery energy storage combination. The project will finance a 6 megawatt (MW) grid-connected photovoltaic solar system together with a battery energy storage system, that will be completed in 2023 and save over 11,000 tons of CO2 equivalent emissions annually.

Project to finance a 6MW grid connected solar power plant and 2.5MWh/5MW battery energy storage system for solar smoothing energy storage. The system will be fully integrated and automated with the existing diesel



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generation (17.9 MW installed capacity currently manually operated) to optimize solar energy use, to enable optimal BESS charging ...

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