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Will a 5 MW solar installation make Maldives a popular destination? Now, one of the first sights for any of the 1.7 million tourists visiting the Maldives will be that of the 5 MW solar installation on the highway linking the airport island to Male and its satellite town of Hulhumale. How much does a solar project cost in Maldives? In 2016, 63 investors expressed interest in the third 11 MW solar project in the remote islands of Maldives, and a record low price of 9.8 US cents was received. This is one of the lowest tariffs for any small island developing state (SIDS). Should investors invest in sustainable solar projects in the Maldives? In 2015, the first 1.5 MW solar project under ASPIRE only had four investors' bids, and resulted in a high power purchase price (PPA) of 21 US cents per unit of electricity, indicating a lack of interest from investors in investing in sustainable projects in the Maldives. Will Maldivian governments help achieve energy transformation goals? The foresight and climate-proactivity of successive Maldivian governments, coupled with development financing from partners like the World Bank, will help the country achieve its ambitious energy transformation targets, showcasing best practices for other island states. When will the Aspire project start in the Maldives? The inauguration of the 5 MW solar project on December 7, under the ASPIRE project has been a game changer in the energy transition journey of the Maldives. How will the Maldives' fuel subsidy project impact the economy? This will reduce the Maldives' import bill by approximately US\$ 30 million annually, with a total project lifetime saving of US\$ 750 million over 25 years. These projects are expected to significantly reduce the government's fuel subsidy expenditure, thereby decreasing the nation's reliance on fossil fuels and the fiscal burden this creates. Why the Maldives 5 MW solar project is a game changer? Now, one of the first sights for any of the 1.7 million tourists visiting the Maldives will be that of the 5 MW solar installation on the highway linking the airport island to Male and its satellite town of Hulhumale. ToR -Communication Specialist -Rev 6_CLEAN

Currently, within the ASPIRE/ARISE subprojects in the Maldives, there are numerous contracts underway involving installation of solar PV systems, Battery Energy Storage Systems (BESS) Maldives : Maldives Solar Power Development and Energy Project Summary: The project involves the development of a 36-megawatt (MW) solar power project and 40 megawatt hours (MWh) of battery energy storage solutions across various Maldives communication base station photovoltaic power The wind-solar-diesel hybrid power supply system of the communication base station is composed of a wind turbine, a solar cell module, an integrated controller for hybrid energy SOLAR PV INVESTMENT OPPORTUNITY IN MALDIVES Currently, two sub-projects are being procured - (i) 15 MWp ground mounted solar PV project, and (ii) 10 MWp floating solar PV project. The tender process is carried out through the Project Solar City Project Solar City will be the largest energy project in the Maldives. Only 4km from Male/Hulhumale, Solar City demonstrates the viability of integrating intermittent renewable Maldives Opens Tender for Solar Power Project The Ministry of Finance and Planning of Maldives has announced a tender for a new solar power project with a capacity between 100 megawatts (MW) and 150 MW. The project will be located in the Maldives mobile solar power plant In 2015, the first 1.5 MW solar project under ASPIRE only had

four investors bids, and resulted in a high power purchase price (PPA) of 21 US cents per unit of electricity, indicating a lack of SOLAR POWERED CELLULAR BASE STATIONS CURRENT

The purpose of installing solar panels on communication base stations Solar panels generate electricity under sunlight, and through charge controllers and inverters, they supply power to

Maldives signs pact for first SEZ-approved floating The project is expected to supply 50 per cent of the Maldives region's energy needs through renewable sources and could reduce oil expenditure by an estimated USD 1.2 billion over 20 years.

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