



# Port vila solar power

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Port Vila, the capital city of the island state of Vanuatu, has a population of 44,000, of which only 27% have access to electricity. While the island already has some local renewable generation capacity - including PV, wind, and hydro - the majority of energy demand is still met by diesel generators. Masdar installed three solar PV plants to help increase the share of renewable energy in the energy mix in addition to providing shading for 112 parking spaces at the country's key civic areas

Minister Regenvanu said that the huge batteries necessary for this project should arrive this year and will help UNELCO reduce the price of electricity. He also announced that a grid stabilisation study will be carried out soon to find ways to further increase the amount of renewable energy that will be fed to the power grid.

Additionally, Minister Regenvanu plans to conduct a feasibility study into making all street lights in the city run on solar energy as street lights currently cost the Port Vila City Council (PVCC) a lot of money to operate.

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