

# Beili Island Solar Power Generation Project



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### [Net-zero Bali: Making the case for a 100 per cent renewable energy](#)

Getting more solar into the system would be a crucial first step towards a 100 per cent renewable energy-powered island, with IESR modelling showing the need to install a total of 21 MW

### **Report Launch Nusa Penida 100% Renewable Energy**

The results of this analysis and study can be encouraged and are expected to become a blueprint for renewable energy-based island development and become part of the Bali NZE 2045 roadmap.



### [Scaling Up Renewables in the Java-Bali Power System: A Case Study](#)

It considers the planned project design and characteristics, provides an analysis of the impact of integrating the large-scale floating solar PV plant into the Java-Bali power system, and



### [Solar Philippines, Indonesian partner sign \\$14-M loan for Bali solar](#)

The implementation of the solar project began last year. It is estimated to cost \$20 million and is funded by a combination of BNI's credit facility and equity invested by Medco and Solar





### [Eco-friendly power plant: Bali's dream of energy self-sufficiency](#)

Several environmentally friendly power plant options have emerged and have already begun to be realised, such as solar power plants (PLTS), which have been implemented for several

### [Power Sector Transition in Bali , Global Energy Transition Tracker](#)

At a population of 4.3 million in 2020, Bali's energy developments have a strong local impact, in addition to the potential for setting a positive global example. Bali's energy demand is expected to grow to



### **Major Solar Projects List - SEIA**

SEIA makes major solar project data available to the public through the map below. SEIA members have exclusive access to the list as a sortable, searchable MS Excel file that is updated

### [Solar Power Plants in Indonesia: Locations, Impacts, and Progress](#)

In 2020, Bali launched its first solar power plant with a capacity of 1 MW in Ngurah Rai. The provincial government aims to achieve a 100% renewable energy target by 2025, promoting



### **Power Sector Transition in Bali**

The plan aims to cap emissions from the power sector at 250 megatons of CO2 by 2030, increase renewable energy share to 44% of

power generation by 2030, and reach net-zero emissions in the

## **By 2034, Nusa Penida Will Run Fully on Clean Energy**

There are plans to construct an underwater cable with a 20 kV voltage by 2029 to connect the power systems of the three islands and to launch new solar and wind generation



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