

ContainerPower Energy Solutions

Myanmar 100MW PV 10 Energy Storage Project



Overview

Is Myanmar facing a big solar project?

Despite the optimism of Myanmar's authorities, the development of large scale solar appears to be encountering difficulties. Chinese PV inverter manufacturer Sungrow announced last week in its financial results that the project it secured in Myanmar's first solar tender held in September 2020 has been canceled.

How much solar power does Myanmar produce?

“Average annual total of solar power production in Myanmar varies between 1,150 kWh/kWp (kilowatt-peak) and 1,600 kWh/kWp, with high values in the central region. In the mountains, power production is lower: up to 20% or more due to terrain shading,” according to their Myanmar research report.

How many solar projects are being developed in Myanmar?

These are in addition to ongoing negotiations for 11 solar projects which will generate 300 MW that have been invited,” their statement reads. Despite the optimism of Myanmar's authorities, the development of large scale solar appears to be encountering difficulties.

Does Myanmar have a power supply gap?

Myanmar’s power sector will likely continue to experience significant challenges. To sustain the current level of power supply would require adding 300-500 MW every year until 2030. Scenario analysis on the power supply-demand gap illustrates that available generating capacity is projected to not meet the growing demand.

Does Myanmar need to double its energy investment?

ADB estimated that Myanmar would need to double its energy sector investments to some US\$2 billion per year , double historic levels to realize the multilateral development bank’s economic growth forecast.

Can Myanmar revive the development of hydropower and LNG-to-power?

In the longer term, Myanmar can revive the development of hydropower and LNG-to-power, which were planned in the past or were under construction but did not materialize. Political and macroeconomic stability is important to improve investment climate for these options on the ground.

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