



Myanmar Wind Power Energy Storage Project

What is Myanmar's first wind power project?

Myanmar's junta-controlled Ministry of Electric Power (MOEP) signed a Memorandum of Agreement (MoA) on March 1 to develop Myanmar's first wind power projects with two Chinese companies and a local company. The MoA was signed in the capital Naypyitaw and the projects will be launched in Rakhine State's Ann, Gwa and Thandwe townships.

What is the energy demand supply situation in Myanmar?

The Myanmar energy demand supply situation indicates that power generation mix must shift to more coal and hydropower, continued use of biomass, natural gas consumption, and appropriate increase of renewable energy such as solar PV and wind power generation.

Who is developing a new energy project in Myanmar?

Myanmar company Primus Advanced Technologies Limited and Chinese companies, Asia Ecoenergy Development Limited, registered in Hong Kong, and Yunnan Machinery and Equipment Import and Export Co Ltd, will develop the projects.

What is the power resource balance scenario in Myanmar?

As shown in Table 12.2, the Power Resource Balance scenario (Scenario 3) has the lowest installed capacity at 23,594 MW by 2030, with hydro share at 38%, coal 33%, gas 20%, and renewables (solar, wind, etc.) at 8%. MW = megawatt. Source: Myanmar Energy Master Plan, 2015.

How much electricity does Myanmar produce a year?

In 2019, Myanmar had 6034 megawatts (MW) of installed generation capacity and produced almost 23.19 terawatt-hours (TWh) of electricity. During the same year, thermal (coal, natural gas, and oil) and hydro, accounted for 57% and 43% of total electricity generation, respectively. GWh = gigawatt-hour; MW = megawatt.

How can Myanmar save energy?

Future savings in energy could be due to savings in primary energy supply in the residential, commercial, transportation, and industrial sectors. In this regard, Myanmar implemented a range of energy efficiency and conservation goals and action plans that target energy savings in all sectors.

This scenario encapsulates Myanmar's energy storage dilemma - a nation where "reliable" power often feels like chasing monsoon winds. As Southeast Asia's final frontier for energy ...



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