

Solar energy market benin

Benin has started construction of the 25 MW Forsun PV plant, which is set to join the Defisol and TTC projects to expand the Illoulofin Solar Power Station's total capacity to 75 MW. The government said the project is backed by a \$25.8 million investment.

A UK-based research team has calculated the global potential of deploying floating solar arrays on almost 68,000 lakes and reservoirs. It found some countries could generate the majority of their electricity needs from floating solar panels, while five could meet all their electricity demand.

Researchers in Nigeria have proposed to build inverted perovskite solar cells exclusively with all-inorganic transport materials and a lead-free perovskite absorber. Through a series of simulations, they showed these device may achieve efficiencies over 30% with low production costs.

The mini-grid, expected to connect over 1,500 residents to electricity, is part of the company's wider plans to install over 20 mini-grids in Benin, which will serve more than 30,000 people across 20 rural localities collectively, through a total 1.2 MW capacity.

Toyota Tsusho says that it is building a 25 MW solar plant in Benin. It has also launched a new solar project to improve access to clean water and vaccines in the West African country.

Pending final closing, the Electrification Financing Initiative has announced it is considering private equity investments of EUR1.5 million to two French firms operating in Benin, Togo, Burkina Faso and Senegal, and \$1.5 million to a Tanzanian business operating in Tanzania and Uganda.

The Economic Community of West African States should prioritize the development of solar PV to meet surging energy demand over the next 30 years, according to a newly published study.

Benin has obtained a \$21.1 million loan from the investment and development bank of the Economic Community of West African States and Burundi will benefit from a \$160 million World Bank donation, \$100 million of which will be dedicated to solar energy.



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