Battery life moldova

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The US will provide US$85 million in foreign aid to the Republic of Moldova for battery energy storage system (BESS) projects, as well as high voltage transmission line upgrades, secretary of state Anthony Blinken said last week (29 May).

The result of the projects would be a strengthening of the country’s energy resilience and a stronger grid, Blinken said in a press event from the capital Chisinau.

The announcement press conference did not reveal the size of the BESS project, but Blinken’s statement indicated the BESS should be a substantial, if not majority portion of the funding. Blinken said the funding would “enhance things like battery storage, as well as the high voltage transmission lines that we"ve already dedicated some funds to.”

The US$85 million is part of a larger US$300 million package from the US to Moldova, which borders Ukraine. Russia’s invasion of Ukraine in February 2022 sparked a gas market crisis, which was particularly pronounced in Europe, leading to the continent to up its renewable energy deployment goals.

“We"re partnering closely to support economic and energy security. The Russian attacks on the Ukrainian energy grid have exacerbated Moldova"s own energy challenges - raising electricity prices, hurting business and harming consumers,” Blinken said.

“The partnership that we have to reduce Moldova"s dependence on Russian energy, to enhance connectivity with Europe, to increase the use of renewables - all of that, is moving forward. And we"ve seen you [Moldova] take remarkable steps in a short period of time to move away from this dependence.”

Moldova and Ukraine synchronised with the Continental Europe Synchronous Area (CESA), allowing it greater energy independence from Russia, in 2022.

Energy-Storage.news" publisher Solar Media will host the 2nd Energy Storage Summit Central Eastern Europe on 24-25 September this year in Warsaw, Poland. This event will bring together the region"s leading investors, policymakers, developers, utilities, energy buyers and service providers all in one place, as the region readies itself for storage to take off. Visit the official site for more info.

Secretary of State Antony Blinken announced up to EUR78.6 million for the installation of equipment that will help stabilize Moldova"s electric power system, as part of a previously announced EUR277 million government investment in energy assistance support. Secretary Blinken also announced EUR46 million in new funding to help promote Moldova"s economic growth, strengthen its democracy, and advance Moldova"s EU accession.

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USAID has been a critical partner in helping Moldova strengthen its energy security by diversifying sources and increasing its capacity to import gas and electricity from European market suppliers. This assistance is part of continued U.S. partnership with Moldova in support of the Moldovan government"s reform agenda. Continued U.S. assistance will support Moldova in pursuing its sustained and comprehensive reform efforts as Moldova advances its European ambitions.

A traditional energy system is made up of power plants that generate energy, the transmission system, the distribution system and consumers - industrial, commercial and residential. In a traditional system, energy flows only from the producer to the consumer, who does not know what is happening behind the socket. Such a system runs on alternative energy, which cannot be stored in large quantities and production must constantly track consumption.

With the development of renewable energy and information technologies, consumers are generating more and more of their own power using renewable sources, especially solar energy. This changes the direction of energy flows and makes it more difficult to manage the energy generation process, especially as renewable energy is intermittent, i.e. it depends on whether there is sun and wind or not.

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